

*The*

# AMERICAN RIFLEMAN

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The National Rifle Association of America  
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25 CENTS

# FOUR IN 1934

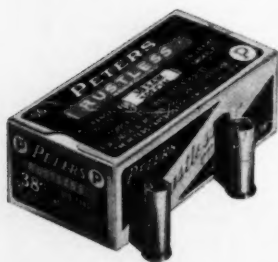
F O R P E T E R S

**F**OUR U. S. R. A. National Outdoor Pistol Championships last year—that's the proof of Peters Cartridge performance! Ammunition Number Two won three titles—Numbers Three and Four took two apiece. When competition is so keen—when finishes are so close—that's when the performance of *ammunition* can supply the needed "edge." And that's why the selection of PETERS by the winners is the supreme tribute to its accuracy, dependability, speed-intensity ignition and smooth recoil. THE PETERS CARTRIDGE COMPANY, Dept. B-26, Kings Mills, Ohio.

THE NATION'S PISTOL EXPERTS PREFER

## PETERS

AMMUNITION YOU CAN SHOOT WITH CONFIDENCE



**H. D. SHIERMAN**, Massachusetts, winner of the Match S-22 Championship.



**R. C. BRACKEN**, Ohio, winner of the Match B (Pistol) Championship, as well as the Match I (Free Pistol) Championship.



**CHIEF JAMES F. DAVIS**, of the Los Angeles Police Pistol Team, winner of the Match A (Any Revolver) Championship.

# DOUBLE ADJUSTING REAR SIGHT

*Newest  
Feature*

OF **COLT NATIONAL MATCH .45**  
AND **SUPER MATCH .38 AUTOMATICS**



**... And a ramp type fixed front sight with serrated face**

Here is a beautiful and efficient new rear sight for the Colt National Match and Super Match Automatic Pistols. It is designed especially for these two arms, constructed with precision, and adjustable for both windage and elevation. Take a close look at the illustration. Note the simplicity of this new sight, how extremely easy it is to adjust and to set accurately. It's just the finest hand gun sight ever made. And we mean just that. A host of shooters are going to like the new ramp type rugged sight out front, too. All of which means cleaner definition, higher and more consistent scoring.

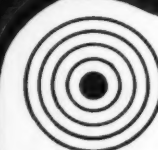
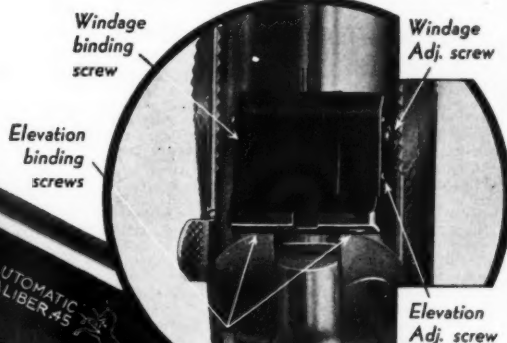
## ■ COLT NATIONAL MATCH CALIBER .45

The regulation Government Model side arm perfected for match competition. Identical in size and operation, but with velvet-smooth hand-honed target action and a super-precision match barrel. Full grip, fine balance, three safety features. Now with adjustable rear sight and ramp type front sight, Colt's National Match brings you accuracy, power and smoothness never before equalled in a caliber .45 automatic pistol.

## ■ COLT SUPER MATCH CALIBER .38

With the exception that it is chambered for the high-powered .38 automatic cartridge, the Super Match Automatic Pistol is identical in every way with the National Match Model. It has the same velvet-smooth action, precision match barrel, same dependable safety features, same checked arched housing, same firm non-slipping grip. Accuracy, of course, is further increased by the new sights now available; ramp type front and adjustable rear. The Colt Super Match answers every demand in a caliber .38 automatic for competitive shooting—and possesses tremendous power for the big game hunter.

Prices: National Match and Super Match with adjustable sight—\$44.25  
National Match and Super Match with fixed sights—\$40.75



**COLT'S TARGETS**  
Have you tried Colt's Standard Gallery Targets? Printed on good stock, in several types—and ready for immediate shipment. Send for samples and prices. Special prices to Revolver Clubs. Address Colt's Target Dept.

*Can I get this new sight for my old gun?*

The answer is YES. You don't have to buy a new gun to enjoy the truly remarkable advantages of this new rear sight. For seven dollars and seventy-five cents, Colt will equip your Government Model and Super .38, as well as your National Match Model, or your Super Match, with this new sight combination. This includes the cost of the sight, recutting the sight slide cut, labor and targetting. It's a lot of value for \$7.75.

## COLT'S PATENT FIRE ARMS MFG. CO. HARTFORD, CONNECTICUT

- ☐ Please send me full details on National Match and Super Match Models with new sights described above.  
☐ I would like complete Descriptive Circular, too.

NAME .....  
ST. AND No. ....  
CITY ..... STATE .....

B-15

**COLT'S PATENT FIRE ARMS MFG. CO. HARTFORD CONNECTICUT**

Phil B. Bekeart Co., Pacific Coast Representative, 731 Market Street, San Francisco, California





## A Shooter's Textbook Otherwise Unavailable

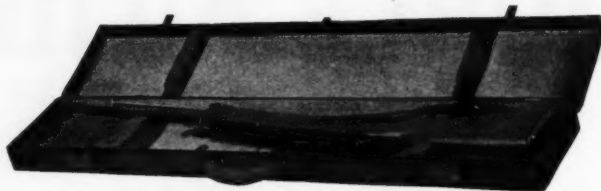
Much of the material published in *The American Rifleman* is available from no other source. Most of the *Rifleman* "dope" is of reference value for years to come. Preserve your copies each month, and you will have a complete textbook such as money cannot buy.

To encourage you to do this we sell the lifetime De Luxe Binder at approximate cost. It is a good looking binder, finished in dark-green fabricoid cover, and dye-stamped with Daniel Boone figure and publishers' title. (See cut.) Easy to use too, since the copies are inserted in the binder with little unbreakable wires furnished as standard equipment. No cutting or mutilation of the magazine is necessary.

This year resolve to get the maximum benefit out of your monthly copies of *The American Rifleman*. Save yourself time, money and inconvenience by keeping your "shooter's bible" handy, intact and up to date. File your copies each month in this new *Rifleman* binder: it costs but \$1.95 postpaid, and is worth it.

NATIONAL RIFLE ASSOCIATION

Barr Building, Washington, D. C.



## Shooters Named It The "Three-in-One" Gun Case

Because it saves money, time, and worry, the Hartmann Rifle Case is generally known as the "Three-in-One" gun trunk. It is a combination carrying case and gun trunk, and there is plenty of room in the compartments for all your rifle shooting gadgets. Designed for the Model 52 Winchester, but you can readjust the retaining blocks and make the case adaptable to any rifle with or without scope attached.

Specifications: length, 48"; shipping weight, 13 lbs.; covering, jet black; inside lining, fabricoid; hardware, nickel plated. Materials and workmanship unconditionally guaranteed. Price \$12.00, f. o. b. Washington.

### Also a Hartmann Pistol Case

Don't forget that we also sell the Hartmann quality Two-Gun Pistol Case, fitted with blocks made to take your two favorite handguns. These made-to-order velour-covered retaining blocks hold the two guns snugly in place so that the guns positively cannot rub or scratch.

The case will accommodate any two standard handguns of American manufacture. Its roomy compartments also contain plenty of space for ammunition, cleaning materials, and shooting gadgets. In addition, there is a separate compartment large enough to take a B. & L. draw-tube spotting scope.

Specifications: Length, 15"; width, 13"; depth, 3"; (inside dimensions 1/8" less). Cover and hardware, same as rifle case. Inside of case is lined with soft maroon-colored felt to match the rich velour-covered retaining blocks. Price \$7.50, f. o. b. Racine, Wis. Be sure to specify model and caliber of your two handguns.

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Congress to Choose Wisely  
in the Enactment of  
**FEDERAL FIREARMS LEGISLATION**

MEMBERSHIP: ANNUAL \$3.00—LIFE \$25.00

NATIONAL RIFLE ASSOCIATION,  
Barr Building,  
Washington, D. C.

2-35

I believe in the aims and purposes of the N. R. A. and desire to support the good work as well as to avail myself of its services to members.

I certify that I am a citizen of the United States over 18 years of age.

Attached is remittance of \$3.00 for annual active membership.

Please send me a membership card, one of the sterling "annual member" lapel buttons, one of the latest price lists and enter my 12-month subscription to *THE AMERICAN RIFLEMAN* beginning with the next issue.

☐ Please check here if you have previously received literature from the N. R. A.

MY NAME \_\_\_\_\_ STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ AGE \_\_\_\_\_

I am glad to recommend the above applicant as a sportsman and citizen of good character.

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ADDRESS \_\_\_\_\_





400 x 400 BOND



400 x 400 REYNOLDS

# IT TAKES *Skill* AND PALMA MATCH

TO MAKE TWO PERFECT SCORES IN DEWAR!

BOND (U.S.) AND REYNOLDS (BRITISH)  
BOTH MAKE 400 x 400...AND BOTH SHOOT

# PALMA



# MATCH

33 OUT OF 40 SHOT PALMA MATCH  
...AND A WORLD'S RECORD  
WAS SMASHED!

## U. S. TEAM

50 Yds. 100 Yds.

S. Bond.....	200	200	400	PALMA MATCH
W. B. Woodring.....	200	199	399	PALMA MATCH
J. W. Croiley.....	200	199	399	PALMA MATCH
T. Randle.....	199	200	399	PALMA MATCH
R. D. Lambert.....	200	199	399	
J. C. Lippencott, Jr.....	200	199	399	PALMA MATCH
C. G. Hamby.....	200	199	399	PALMA MATCH
D. Carlson.....	199	199	398	PALMA MATCH
W. P. Schweitzer.....	200	198	398	
S. Moore.....	199	198	397	PALMA MATCH
F. O. Kuhn.....	199	198	397	PALMA MATCH
C. G. Kallensee.....	199	198	397	PALMA MATCH
F. C. Hoppe.....	199	198	397	PALMA MATCH
P. Schiller.....	198	199	397	PALMA MATCH
W. L. Wilson.....	200	197	397	PALMA MATCH
M. Israelson.....	198	199	397	PALMA MATCH
A. C. Blensinger.....	198	198	396	PALMA MATCH
F. Samsoe.....	199	196	395	PALMA MATCH
G. J. Mundy.....	199	196	395	PALMA MATCH
C. Westfall.....	198	196	394	PALMA MATCH
	3984	3965	7949	

## BRITISH TEAM

50 Yds. 100 Yds.

E. G. B. Reynolds.....	200	200	400	PALMA MATCH
H. S. Longhurst.....	200	199	399	PALMA MATCH
F. J. Gibson.....	199	199	398	PALMA MATCH
G. Langdon.....	200	198	398	PALMA MATCH
A. T. O. Fogg.....	199	198	397	PALMA MATCH
J. J. McKenzie.....	199	198	397	PALMA MATCH
W. V. Knight.....	197	198	396	PALMA MATCH
F. S. French.....	198	198	396	
E. A. Day.....	199	197	396	PALMA MATCH
V. H. Somers.....	199	197	396	PALMA MATCH
A. Traies.....	199	197	396	
D. W. Foster.....	196	199	395	PALMA MATCH
K. Clark.....	197	198	395	PALMA MATCH
J. Armstrong.....	198	197	395	PALMA MATCH
F. S. Morse.....	198	197	395	
A. J. Palmer.....	198	197	395	PALMA MATCH
H. J. White.....	198	197	395	PALMA MATCH
G. F. Booth.....	197	197	394	
G. H. Sibbring.....	196	197	393	
Sgt. A. J. Witcombe.....	198	194	392	PALMA MATCH
	3965	3953	7918	

IN ALL the years of the Dewar International shoot, no contestant made a perfect score until 1934. Then Bond of U. S., and Britisher Reynolds both plugged the targets to the tune of 400 x 400. And their buddies were close on their heels.

The Britishers finishing up first, within a hair of breaking the World's Record, felt pretty good about it. Then U. S. went to work, and when they set down their rifles they had caught up with the World's Record, and left it in the dust! Tallying up, the big score was 7949!

The records showed that 33 out of the 40 men had shot PALMA MATCH, Remington's crack .22! When you are tallying up other meets, other teams, keep your eye peeled for PALMA MATCH. It's the winners' choice. You'll see it leading the field in a wide majority of meets. Why not try it, yourself? Remington Arms Co., Inc. Bridgeport, Conn.

PALMA MATCH

THE MOST CONSISTENTLY ACCURATE AMMUNITION

ON THE MARKET!

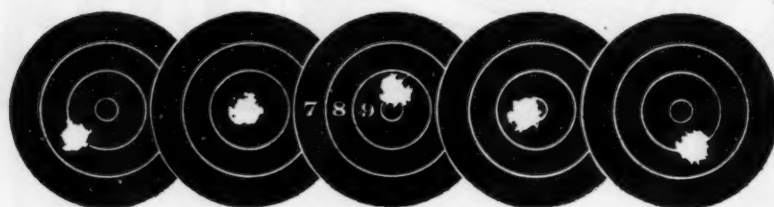
*Remington*



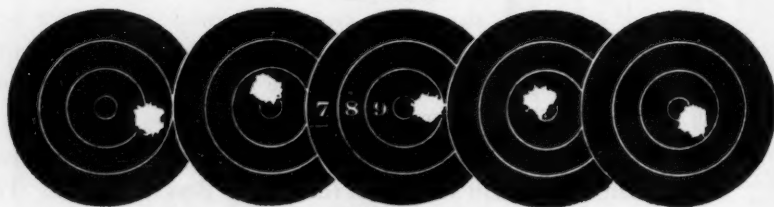
# Breuler SHOOTS a 196 x 200 at 50 Feet, FOUR POSITIONS, with **WINCHESTER** TRADE MARK MODEL 52 and STAYNLESS

**R**EMARKABLY consistent shooting in *all four positions* make notable these winning 50-foot targets shot by William Breuler, of New Haven, in the Gussman Memorial Match of the Connecticut State Rifle Association at New Haven December 10th. He had for competition many of the leading small-bore marksmen of his state. A state foremost in promoting four-position matches, likewise in the forefront of small-bore rifle shooting competition. Breuler is well known in national small-bore competition. Member of the winning team of the famous Quinnipiac Rifle & Revolver Club in the 1934 Connecticut State Team Championship. . . . In winning the Gussman Match he used Winchester Staynless Cartridges in a Winchester Model 52 Match Rifle.

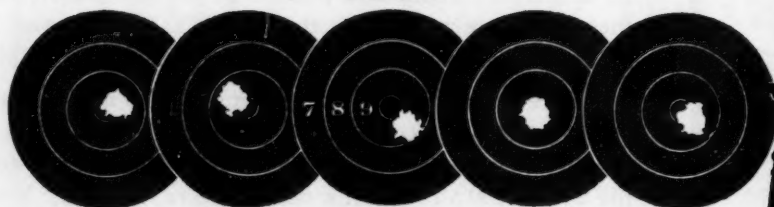
## TWENTY TARGETS — TWENTY SHOTS



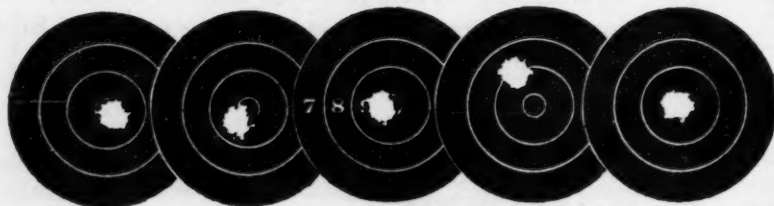
OFF-HAND



KNEELING



SITTING



PRONE

TARGETS  
SHOWN  
ACTUAL  
SIZE



WINCHESTER REPEATING ARMS CO., NEW HAVEN, CONN., U. S. A.

# The AMERICAN RIFLEMAN

VOL. 83, No. 2

FEBRUARY, 1935

## N. R. A. SERVICE

**LEGISLATIVE DIVISION:** Looks after the interests of the shooters in Congress and State Legislatures, carries on the organized fight against unsound anti-gun laws, encourages legislation for the aid of civilian rifle practice and assists members to obtain permits to carry firearms to and from a range in states requiring such permits.

**THE AMERICAN RIFLEMAN:** This magazine is the official monthly publication of the N. R. A., and as such is "The Voice of the N. R. A." Non-political and non-sectarian in policy and free from commercial domination, it can and does speak freely, frankly and with authority on all shooting matters.

**TECHNICAL DIVISION:** Helps members with their personal shooting problems, reports in *THE AMERICAN RIFLEMAN* each month practical tests and critical examinations of new guns and equipment, and gives by personal letter advice on the selection of the right gun for a specific purpose, reloading, restocking, etc.

**CLUB SERVICE DIVISION:** Assists shooters in organizing local rifle and pistol clubs, furnishes detailed diagrams for the construction of regulation indoor and outdoor ranges, suggests a varied program and competition to keep up the interest of members, and generally assists affiliated units by passing along the successful experiences and ideas of other clubs.

**MEMBERSHIP EXTENSION:** Operates as a service division by furnishing members with sales literature and printed information so that they may explain to fellow sportsmen the value and benefits of N. R. A. membership and, moreover, because increased membership means an extension of N. R. A. service, it serves to benefit members in this way.

**COMPETITIONS DIVISION:** Conducts a year-round program of home-range matches in which members may win distinctive medals while practicing at home with rifle and pistol, aids state associations and civilian clubs in planning and conducting regional, state and local shooting matches, and gives members helpful personal advice on their individual target-shooting problems.

**JUNIOR DIVISION:** Provides individual and club memberships for junior shooters, boys and girls alike; conducts a year-round program of competitive and qualification shooting, and teaches Young America how to handle firearms safely and properly. No father should hesitate to support its good work.

**POLICE DIVISION:** Assists police departments in marksmanship training of their officers. Through the Association's far-flung contact and with the aid of experienced hands to carry on the work, this division is performing a public service which warrants the support of every good citizen.

**PUBLICITY DIVISION:** Endeavors to educate the American public through the public press to the fact that the man who likes to shoot is not a criminal and, although its services are intangible in character, it represents an important chain in the campaign "to make America, once again, a Nation of Riflemen."

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Courtesy of Lucius E. Burch, Jr., Nashville, Tenn. Shows  
Mr. Burch and eagle shot in Alaska.

\* \* \* \* \*

Through an error E. H. Stuerman, and Dan Pike whose  
picture appeared on our January cover, were reported as  
being from Cincinnati, Ohio, whereas they are both from  
St. Louis, Mo.

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# POWDER SMOKE

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## S. 3

**S.** 3 is the cryptic symbol which in the future will designate U. S. Senate Bill No. 3, introduced by Senators Copeland, Vandenberg, and Murphy (the Senate Racketeering Committee), to regulate the manufacture and distribution of firearms in the United States.

S. 3 is something of a history-making bill, being the first Federal Firearms Bill ever introduced which strikes directly at the criminal and the criminal alone. S. 3 is also the first Federal Firearms Bill introduced after exhaustive hearings which gave police, prosecuting officials, active jurists, social workers, sportsmen, and friends of national defense an equal opportunity to be heard.

In brief, S. 3 provides that manufacturers and dealers in firearms and ammunition must be licensed by the Secretary of Commerce. The cost is one dollar for a dealer and one hundred dollars for a manufacturer. The license does not need to be renewed annually, but will remain in effect during the good behavior of the licensee. All such manufacturers and dealers must then maintain a register of sales so that arms may be traced from the manufacturer to the purchaser.

The bill prohibits interstate transportation and importation of any machine gun, with the proper exceptions for military and police units. It prohibits the interstate transportation of a firearm by any person under indictment or who has been convicted of a crime of violence, or who is a fugitive from justice. It prohibits the interstate transportation of stolen firearms, and the pawning of such firearms. It prohibits the interstate transportation of firearms on which the manufacturer's serial number has been altered or obliterated.

S. 3 can easily be supported by state legislation invoking the police powers which are available to the state but not to the Federal Government, so as to completely prohibit the possession of firearms and ammunition by criminals, mental incompetents, vagrants, and other undesirables. With such legislation in the various states prohibiting *possession*, and with S. 3 on the Federal statutes prohibiting transportation, the police network around the armed criminal would be complete—and the ability of the sportsman to enjoy firearms, and the right of the home-owner and small merchant to protect their personal property would not be impaired. This is the end toward which all organized sportsmen should work.

Members of the National Rifle Association should immediately communicate with Senator Copeland and his colleagues of the Racketeering Committee, Senators Vandenberg and Murphy, expressing appreciation for the constructive work which they have done in drafting S. 3. Members should also communicate with their own United States Senators and Congressmen, expressing approval of S. 3 in its present form, and urging support for this measure in the Senate and House of Representatives.

*Immediate action is essential.* If we are to prevent the adoption of a type of Federal Firearms Bill which we do not like, we must secure the adoption of the kind of Federal Bill that we can support. *It is just as important that you register your support of S. 3 with your Senator and Congressman as it was for you to register your opposition to the Keenan proposals at the last Congress.* S. 3 sets a new plane for sane firearms regulation in this country. *Support it actively and immediately.*

# *The* **AMERICAN RIFLEMAN**

FEBRUARY, 1935

## Moose Hunting—Then and Now

By KENNETH FULLER LEE

**D**USK settles down on a little winding river running through a "moose bogan" in New Brunswick. A canoe comes into the picture, and in it are seated two men—a guide and his employer. The hunter faces forward in the bow seat, while across his knees rests a custom-built bolt-action rifle of heavy caliber, equipped with the finest micrometer sights that money can buy. Having an extreme range of almost three miles, the bullet from that rifle possesses an initial striking energy of nearly two tons. In the hands of an expert the rifle is capable of firing its six shots in less than fifteen seconds.

Suddenly the guide checks the progress of the canoe, and points forward at a great, black bulk which has appeared on the margin of the stream at point-blank range.

"There's your bull! Now let's see you do your stuff!" he hisses. It is the chance of a lifetime.

Fumbling at the safety, the hunter raises his rifle, its muzzle jerking in excited circles. There is a crash, and the recoil of the first shot well-nigh upsets the canoe, but the alert guide drives his paddle into the mud, and steadies the craft.

"Crash! . . . Crash! . . . Crash!" At each report the canoe shivers beneath the recoil of the big gun. The monster bull has now wheeled in his tracks and gone plunging madly for the shelter of the friendly cedars.

Under his breath the guide is swearing softly. This thing has happened with him many, many times, and still he has not become reconciled to it. He has worked long and faithfully to get his patron that one coveted chance, but his efforts have been entirely wasted.

The hunter curses his luck, and nurses a badly-bruised shoulder. He has traveled hundreds of miles and spent hundreds of dollars, only to miss the easiest chance he probably will ever get at a really fine head. Why? \* \* \* \* There are several

reasons for his failure, the first and most important being that he has not fired a dozen shots in preliminary training for his expensive trip. Also, he is over-gunned: that first stiff kick from the big rifle, which almost spilled him out of the canoe, shook his untrained nerves so badly that he flinched visibly at each succeeding shot. And flinching, as any novice knows, is fatal to even fair shooting. So back they go to camp, and the guide gets the blame for their failure, as usual. And now let us view another scene.

Slim, pointed tops of dark cedars and spruces, dimly silhouetted against the night sky, seemed like ranks of ancient warriors stationed to guard the shores of the little wilderness lake from all intruders.

Far back in the ridges a fox barked sharply. A heavy splash closer at hand announced the sudden, downward plunge of a fat beaver, busy with his nocturnal enterprises. Far off in the dim, cloistered aisles of the cedar swamp a bull moose grunted a hoarse, guttural challenge, then the swish of dense branches and the occasional crunch of a breaking stick under heavy feet announced his arrival at the water's edge.

Hidden in the dusky shadows of a little cove, a birch-bark canoe with one occupant hugged the bank. The old hunter leaned forward in an attitude of intense listening, his paddle ready, a light rifle resting across his lap where he could snap it into action instantly. A coughing grunt, then the gurgling and swashing of water, came to his alert ears as the bull waded out and commenced feeding in the lilypads bordering the shore. For a moment the monster stood motionless, gazing out across the shining expanse of still water, testing the breeze with his nostrils for any warning of danger. Then his head, with its crown of branching antlers, bowed forward and was submerged, a group of floating lilypads swirling down with it.



THE LITTLE RIFLE THAT KILLED 200 MOOSE

The moose groped about in search of the thick, fibrous roots of the lilies, embedded in the mud, and the canoe slid forward toward his dim bulk, silent as the shadows surrounding it. A minute passed. Up came the dripping horns and bulky, bearded head of the mighty monarch, his jaws crunching the roots he had just wrenched from the ooze below. Less than fifty yards away, the canoe was motionless as any floating log, and the bull eyed it without suspicion. Down went his head, and as the waters closed over it the canoe again shot silently forward until it was less than ten yards away. Quietly then the hunter laid down his paddle and picked up the little rifle, aiming its muzzle at the night sky directly over the bull's towering shoulders, to line up his sights.

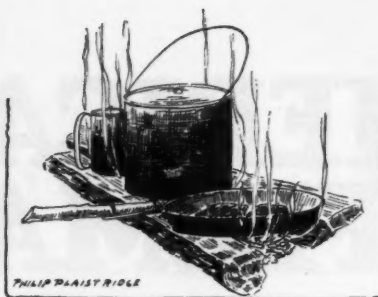
Again the great head came swishing up from beneath the surface. The rifle muzzle swung downward, instantly the fine sights were aligned on the butt of the monster's ear, then the swamp and lake resounded to the dull bang of black powder as a flame split the darkness. Toppling forward, the great bull died in his tracks without ever knowing that he had been in danger.

In the adventurous life of at least one Maine hunter, the episode just depicted occurred again and again, its technique practically unchanged, until the list of slain moose numbered, according to no less an authority than John Burroughs, "more than two hundred."

That old hunter was Nathan Moore, referred to in Burroughs' writings as "Uncle Nathan," one of the finest woodsmen and guides that ever made his own moccasins, and wore them. He did not always kill his moose in the water. In Volume VII of Burroughs' Works, the naturalist has this to say of the old hunter:

"The largest moose Uncle Nathan ever killed is mounted in the State House at Augusta. He shot it while hunting in winter on snowshoes. The moose was reposing on the ground, with his head stretched out in front of him, as one may sometimes see a cow resting. The position was such that only a quartering shot through the animal's hip could reach the heart. Studying the problem carefully, and taking his own time, the hunter fired."

Note the deliberation: no trace of excitement or hurry, and the hunter's every faculty concentrated upon placing his *first* shot so well that no second would be needed.



Burroughs continues: "The moose sprang into the air, turned, and came with tremendous strides straight toward him. 'I knew that he had not seen or scented me,' said Uncle Nathan, 'but, by hemp, I wished myself somewhere else just then, for I was lying right down in his path.' But the noble animal stopped a few yards short, and fell dead with a bullet hole through its heart."

That was back in the year 1830 or thereabouts, and it is of interest to note that the moose above referred to is still in the Maine State Museum at Augusta. An enormous animal, it far surpasses any specimen of this species which has since fallen to the rifle of a Maine hunter.

Let us for a moment look at the rifle which figured in this and hundreds of similar thrilling episodes. A few days ago I had it in my hands, and inspected it very carefully, for no rifle ever made a better record. Bear, deer, moose, and caribou fell before its little .38-caliber bullet, which was driven by a modest charge of black powder.

The arm itself weighs a *trifle less than four pounds*. Think that over, you modern big-game hunters. It is a single-shot, percussion gun. Its finely-figured stock is made of cherry, inlaid with brass and German-silver ornaments after the fashion of the period. The stock is deeply curved at the buttplate, which latter is of brass, elaborately engraved, and there is a brass sideplate with a hollow beneath it for holding greased patches and extra caps. On the right-hand side of the lock appears the firm name of "Lane & Reed" who manufactured the arm, in or near Boston, Mass. The barrel is rather light, is octagon in shape, and is a shade under 24 inches in length. It is fitted with as nice a set of open sights as anyone could wish to see.

In December of 1933 this rifle came into the possession of Representative Earle

Fenlason of North Anson, a member of the Maine Legislature. He got it from Mrs. Chandler Moore, widow of a son of the old hunter. Chandler Moore recently died at the advanced age of 80 years. Fenlason presented the historic arm to the Maine State Museum, where it will take its place amidst a fine and growing collection of similar objects relating to Maine's past.

To the rifleman, the fact that an arm of this type—having a striking energy certainly well under seven hundred foot-pounds—was capable of killing great numbers of the heaviest game to be found on the North American continent, can hardly fail to be of deepest interest. But it must not be forgotten that Nathan Moore was the highest type of woodsman, a dead shot at the close ranges then possible to men of his kind, and thoroughly familiar with his weapon and the animals upon which it was used.

Referring to one of his trips with "Uncle Nathan," Burroughs writes: "One day we made an excursion of three miles through the woods to Bald Mountain, following a dim trail. We saw, as we filed silently along, plenty of signs of caribou, bear, and deer. \* \* \* I noticed that Uncle Nathan, in looking through the woods, did not hold his head as we did, but thrust it slightly forward and peered under the branches like a deer, or other wild creature. . . ."

Some of our readers may remember that during the past few years, in my writings for *THE AMERICAN RIFLEMAN*, I have several times stated that a good hunter, armed with an accurate single-shot rifle of fair power, would kill just as much—if not more—game than the same hunter armed with a repeating high-power. If you know that you have just one shot at your disposal, you will use that one shot to the best possible advantage, while a repeater or an automatic is apt to breed carelessness. Moore knew that his one shot must be placed exactly right, and he did this with almost unfailing certainty, as the accounts of his hunting show, driving the bullet in with as much precision as if he had placed it there with his fingers.

In the fall of 1933 the writer hunted over much of the territory mentioned in Burroughs' account, and on the twenty-first of November my hunting partner and I brought out a nice ten-point buck over the "dim trail" referred to.





# Some Experiences of a Reloader

By JAMES S. LANGWILL

ONE of the happiest recollections of my childhood is of evenings when we children were gathered about the table in our farm home in Illinois, watching father load shot shells. Some years later a .58-caliber Springfield and bullet mould were obtained from Francis Bannerman, and what fun my brothers and I had firing across the fields at ranges of from 100 to 500 yards, with a load of  $2\frac{1}{4}$  drams of black powder, one or two 24-gauge black-edged wads, and a round lead ball! Our targets were whitewashed old milk cans for the shorter ranges, and an old salt barrel for the longest distance; this latter being set up in a ploughed field across a little valley. We never actually hit the barrel, but at each shot the cloud of dust thrown up near it gave us a real thrill.

Eleven years ago, when Mattern's "Handloading Ammunition" ran as a serial in *THE AMERICAN RIFLEMAN*, I read every chapter with the greatest interest, although at the time I had not begun reloading for any of my rifles. There followed some interesting experiences and happy hours, an account of which is given, not with the thought of offering anything new or unusual, but rather as a contribution to the many interesting and helpful discussions that appear in practically every issue of *THE AMERICAN RIFLEMAN*.

After Mattern's serial was completed I bought an Ideal tool and some .30-30 jacketed bullets, and tried reloading for the Krag. I had some duPont No. 1 rifle powder, which probably was all right for the purpose, but as I did not have a neck resizer the results were unsatisfactory, and soon after the rifle was traded off.

The next gun was a Ross .303, and some service ammunition. The rifle shot the full-power cartridges satisfactorily, but the empties were hopelessly swelled from the loose chamber, and could not be resized for reloading. I then bought of Belding & Mull some empty primed shells and .32-20-115-grain jacketed bullets. The shells were of war-time manufacture, and had to be reprimed with fresh primers. This loading was not a success. A light charge of No. 1 Smokeless was used, which did not expand the shells sufficiently in the loose chamber, with the result that oil and gas were squirted back into my eye.

After this I sold the Ross, and with the money bought from a local dealer a good second-hand Marlin Model 94, caliber .38-40; and my first real pleasure and satisfaction in reloading began. Of course the .38-40 as a rifle cartridge is rather out

of date, and I had read that it was not very accurate; but the first group fired with this rifle with open sights surprised me, so I fitted a Lyman peep and removed the old rear sight. At first I bought a Winchester reloading tool and a separate mould because they could be had cheap. They were in perfect condition, and while the duPont No. 1 Smokeless powder lasted I obtained fairly good accuracy with my home-cast bullets and the powder measured bulk for bulk with black powder. When it became necessary to use black powder, however, I found this to be too inaccurate, and tried Sharpshooter, the only smokeless powder I could then conveniently obtain. Those old Winchester tools had no means of sizing the shell necks, and I traded them in on an Ideal No. 3 double-adjustable tool for the .38-40, with a neck-resizer for jacketed bullets; for I had given up the thought of using cast bullets in this cartridge. Using the 180-grain full-jacketed bullet and 15 grains of Sharpshooter, I made loads that once or twice gave me five-shot groups of  $2\frac{1}{2}$  inches at 100 yards. For some reason these loads were not correspondingly good at 200 yards. With factory ammunition I found it possible to get five-shot groups of from 5 to 7 inches at 200 yards, prone with sandbag or other rest.

About this time I bought a Krag and remodeled it into a fine sporter with 25-inch barrel, and fitted a Pacific receiver sight. Then I ordered for the Ideal tool a single-adjustable chamber and a neck resizer for the Krag shell, and found that they worked perfectly. Not having any No. 80 powder at the time, I used 16 grains bulk of Shotgun Smokeless, and the 170-grain .30-30 boat-tail soft-point bullet. This gave quite good accuracy, even at 200 yards; in fact I used these loads in a Krag-Russian postal match. But the shotgun powder burned or fused the shell-necks so badly that I gave it up, and joined with a rifleman friend in ordering some No. 80 and some Lightning. The Lightning was used in a charge of 23 grains with a full-jacketed .30-30 bullet measuring full .308, and gave splendid accuracy and was very pleasant to shoot.

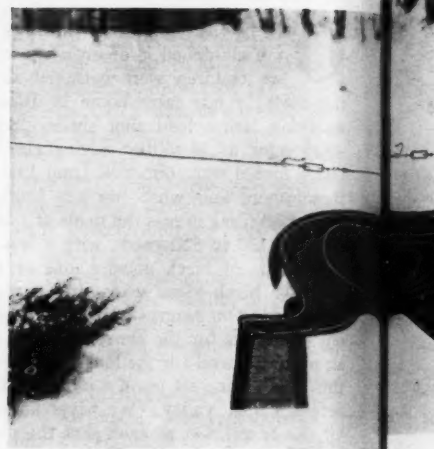
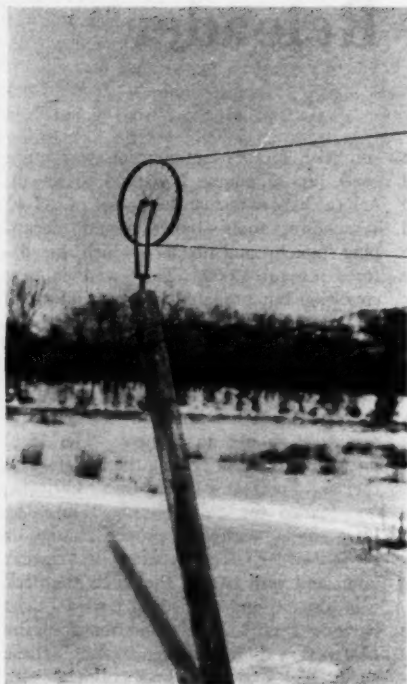
Some years ago there appeared in *THE AMERICAN RIFLEMAN* an article by F. C. Ness entitled "Some Cheap Fun with the .32-40." That fired me with the desire to try similar experiments, so two years ago I traded the .38-40 Marlin for a used .32-40 Winchester Model 94, solid frame, with octagon black-powder barrel. The accuracy of this

gun with factory ammunition was quite good, but of course I wanted to reload. A local hardware man had a set of .32-40 Winchester tools—bullet mould, decapping punch, and loader—which he offered me for \$2.00. They were in new condition but probably had been in stock for twenty years or more. I should have known better, but these tools were so well made and beautifully finished that I bought them. I figured that if they could produce accurate ammunition thirty years ago, they should do so now. The Ideal dipper was used in casting the bullets, and they were perfect. I used Ideal lubricant, and loaded the bullets unsized into the fired shells, with the proper charge of black powder. The accuracy was rather poor, and with two of the shells the neck was torn off and carried part way up the barrel. I noticed this and removed the obstruction before firing again. These shells had originally been primed with mercuric primers. I made other bullets of pure lead, but results were no better. I tried 13 grains of No. 80 with these cast bullets, but could get no accuracy at all; some bullets even keyholed, though the bore of the rifle appeared to be in fine condition. Probably the bullets were a scant .319 in diameter. Some soft-point boat-tail 165-grain bullets were now purchased, together with new Winchester empty shells. Accuracy was better, but I found that 12 grains of Sharpshooter gave better results than the standard load of No. 80.

And then I had one of my oddest shooting experiences. I was at the range with a friend, who was an expert shot. We prepared to shoot prone at 100 yards, and I fired two or three sighters, the sights on this Winchester being bead front and Marble flexible rear. After making the necessary adjustments I asked my friend to verify my sighting, and his shots struck the center of the bullseye as mine had. I then put up a fresh target and fired a ten-shot string fairly rapidly. By this time the barrel had become very hot, and upon examining the target we found a  $1\frac{1}{2}$ -inch group of 3 shots in the 10-ring, and 3 inches lower at six o'clock a  $1\frac{3}{4}$ -inch group of 7 holes. I had never before heard of a rifle changing its zero during the firing of one string.

I found the .32-40 shells troublesome to load. Even with new shells the grooved ring around the neck tended to buckle when seating the bullet. This difficulty, and the disappointing experience with cast

(Continued on page 22)



## Turkey Shoots and th

By PAR

**U**P IN North Conway, New Hampshire—"that little town sleeping under the eternal guardianship of the White Hills," as the reporters are wont to say, a bunch of us have as neat a skeet layout as you might wish to see. The fly in our ointment was that when the depression landed we found several large unpaid bills floating over our little club house, trap houses, and ground-rent account. So four years ago this past Thanksgiving we nailed up some posters advertising a Turkey Shoot—"Come one—come all—and come a-running." We planned to have shot-sticking at 65 yards on a six-inch cardboard square—10 guages barred and everybody use the same shells; rifle at 100 yards, offhand or prone, no limitation on equipment; and any pistol at 20 yards.

Now, four years later, with four shoots back of us, the only event that we have retained as first advertised is the shot-sticking at 65 yards. That contest always draws a good crowd of men who are full of optimism and the pious belief that a \$59 Browning will shoot better than a \$9 mail-order gun, and *vice versa*. They bang away, get a big kick out of it, and prove nothing as to the relative pattern-density of their guns.

In that first shoot we found two distinct lines of demarcation between the competing riflemen. The first crowd parked their cars behind the firing-point, dragged out their faithful open-sighted "thutty-

thutty" carbines, took a look at the virgin targets resting inoffensively on their frames 100 steel-taped yards away, and allowed that "them white targets is too dummed easy tew shoot at." The second bunch parked their cars, pulled out old blankets, draped them on the ground, and proceeded to lay upon each of said blankets: one Springfield Sporter with 2¾ scope and 48 Lyman; one 52 Winchester with 5X Lyman, and one .30-30 carbine with hand-honed action and peep sights. They smelled the wind, squinted at the light, pulled on their shooting coats, and quietly murmured "Let 'er rip."

In an attempt to make things fair we tried to herd the N. R. A. gang into prone squads, and the "practical game shots" into offhand groups. But every little while somebody would leak over into the other gang. When one of the N. R. A. delegation had spent five or six bucks shooting against his own crowd without getting a turkey, he would ditch his Springfield or 52, and clutching his deluxe .30-30, horn quietly into the "practical" squad; grab a turkey, and gently pull out. And when one of the "practical" boys had knocked off three birds in a row he would begin to feel cocky, and drift into the expert camp. The lacing he would take was not even suggestive of a contest.

Over on the pistol range things were not so hot. Frontiers, .45 Autos, Lugers, Camp Perrys, Straight-Lines, and Woods-

men were lined up shoulder to shoulder, with the obvious result that the .22 target guns brought home the turkeys. The startling exception was a quiet gentleman named Clark, from Auburn, Maine, who dragged a short Luger from a shoulder holster, and shot a 48 x 50.

The next year, to clear things up, we laid down the following rules for the 100-yard rifle shooting, and to date they have seemed to satisfy. They are:

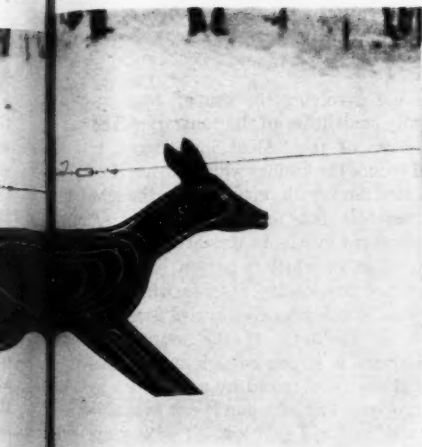
"Class 1. Any lever, trombone, or auto rifle. Iron sights, single trigger, no sling; .22's barred, position to be elected by squad.

"Class 2. Any bolt-action rifle. Iron sights, single trigger, no sling; .22's barred, position to be elected by squad.

"Class 3. Any rifle, any position, any equipment except rest, allowed.

"Class 1 and Class 2 rifles may shoot in Class 3, but Class 3 rifles may not shoot in Class 1 or Class 2."

Now this may appear unduly complicated, but it must provide for the fact that a good big turkey shoot draws men from a fifty-mile radius. They come from every walk of life, they come armed with every type or rifle, and they come equipped with varying degrees of skill. They have a few dollars in pocket, a keen desire to shoot, and a keener conviction that the weapon they are using is the best that ever sent a bullet spinning through the air. If they are to go home happy, even if they go



## anther Deviltry

PARMERROW



without winning a turkey—and the law of averages dictates that the majority must, they should feel that the club running the shoot is doing its best to give every last man an even break. This is most important if the club is to retain the good-will of the men who support it.

Since our competing pistols seem to run to two extremes—either .22 or big-bore—we split them right down the middle into two classes:

"Class 1. Any .22 pistol at 20 yards.

"Class 2. Any pistol .44 or larger; .38-44's, Super .38's, .38-40's, and 9-mm. Lugers and Mausers allowed." This has made everyone happy so far, but sooner or later we shall have to make a place for the .38 target guns.

Now, year before last we felt that in order to lick the depression and get our regular turnout of shooters, something radical would have to be done. We wanted an event that would have a strong pull with the ordinary hunter, and yet would fascinate the trained rifleman. We sure got it. It was a running-deer.

It so happened that none of us knew a thing about building a running-deer target. We got the N. R. A. specifications: 20-yard run for 6 seconds at 100 yards. We bought a pair of deer from the N. R. A. Service Company, and a pair from Stoeger. The N. R. A. deer was too large for our New England ideas, and the Stoeger deer was too small, so we bred the two together,

outlined the offspring on three-ply veneer, cut it out with a band-saw, stained it with a light-brown varnish stain, put in the scoring lines similar to those of the N. R. A. critter, and had our deer.

The next thing was to make the animal move. We schemed and schemed, and burned tobacco, and argued. The final outcome was a deer that ran slick and smooth, and hasn't balked yet. Here's how we did it. We got an old bicycle in good working order, took off the tires, and took out the front fork and front wheel as a unit. In one end of a ten-foot 4 x 4 we bored a hole to fit the front fork, and drove the latter in. The rest of the bicycle was mounted on a frame or 2 x 6's, and was then put in a six-foot pit, and staked and sandbagged down so there was no give or vibration. We used four stakes and six bags of sand.

Now at the end of the pit we set a 4 x 4 with two clothesline pulleys wired on. Thirty yards away we set up the 4 x 4 with the free wheel on top. Both 4 x 4's were guyed with wire tightened to the twanging point.

We ran a couple of rolls of friction tape around the drive-wheel in the pit, and then took 200 feet of sash cord and ran it over both wheels, first stretching it well, and unkinking. With the spacing correct, the ends of the rope are about six feet apart after running around both wheels and through the guide pulleys at the edge of

the pit. We tied the rope-ends to two turnbuckles, together with a short bit of sash cord, putting on as much tension as possible. Further takeup can be secured by the use of the turnbuckles. We hung the deer with wire passed through the turnbuckles. The arrangement is clearly shown in the picture.

Everything was set to go now, and the deer had a 30-yard run. But regulations called for a 20-yard run, so we set up a 5-yard blind built of 2 x 4's and building paper at either end of the run. This 5-yard blind gives the man in the pit a chance to get the deer up to full speed before it comes into view, and allows him to stop it without smashing it into the free wheel at the end of the run.

The last step was to pull the deer down to the entrance of the blind at the further end of the run, and then tape a rag to the top rope at a point just visible to the pit man. This signal rag shows the man operating the power wheel when the deer is ending the run in the open, and gives him time to slam on the brake and stop the deer before it crashes the free wheel. It was necessary to monkey around a bit, but finally the right position was secured.

Things were now ready to touch off. We found that in order to get in a decent amount of shooting in an afternoon, the deer had to be run systematically, and required the services of three men: a scorer

(Continued on page 22)



# A Judge Examines the Alco Bill

By CHAS. W. FRICKE, LL.M., J.D., LL.D.

Judge of the Superior Court, Los Angeles, California; former Assistant District Attorney Los Angeles County; Past President Southern California Academy of Criminology

EVERY once in so often some person pops up with what he thinks is an original, and, because he thought it out, a sure way to end crime. It is characteristic of these suggestions that they do not come from those whose experience and training have made them familiar with crime and its problems but from those who have had just enough knowledge of the subject to germinate a reform complex. It is also characteristic of these suggestions that they are made without the approval of those persons whose duties as law enforcement officers have made them familiar with the problem. One of the latest proposals is the so-called Alco Bill which is put forth by the circulation of an initiative petition in California.

California has as its organization of peace officers, the California State Peace Officers Association. At its last convention in Pasadena in October, 1934, this association went on record with a resolution which concluded as follows:

"NOW THEREFORE BE IT RESOLVED, that we emphatically condemn all efforts to place upon the ballot, or to secure the enactment of the so-called 'Alco Crime Prevention Law' or any other similar drastic anti-firearms laws, and denounce such legislation as impractical and un-American, and as an encouragement of, rather than a means of preventing crime and criminality, as a positive menace to the safety and defense of the lives and property of law-abiding citizens, and as opposed to every tradition of a hardy, red-blooded, self-reliant and law-abiding race of Californians and Americans."

The language of this resolution is not only forceful but a very definite declaration by the police, sheriffs and other law-enforcement officers that the proposed law is very much all wrong. A complete exposition of all the things wrong with the proposal would consume too much space but a few observations may be interesting. As this proposal is put forth as an initiative measure it must be judged exactly as it is written because, if passed by the legislature, it must be passed in the exact form set forth in the initiative petition. We feel justified, therefore, in criticising not only the theory of the proposal but the language used in the proposed law. In our consideration we must also be mindful that California has already a law which penalizes the possession of any gun capable of firing more than ten

shots without reloading; a law carrying a five-year state prison sentence for any unmaturalized alien or ex-convict who has a firearm with a barrel under twelve inches in length in his possession whether he carries it or not; a concealed weapon law and a law which fixes a minimum penalty of five years in the penitentiary for any person who commits a major crime while armed with a deadly weapon or carries such a weapon concealed at the time of his arrest regardless of whether he uses it or not. The "Alco" law makes the penalty for unlawful possession of a gun "Not less than one year nor for more than five years."

Will this "Crime Prevention Law" prevent crime? In the first place it must be borne in mind that only a very small percentage of the crimes committed involve the use of guns. Furthermore it is quite obvious that, if California's present law placing a minimum of five years in the state prison where the crime is committed by a person armed with a deadly weapon does not prevent crimes of that character, a law which placed a maximum of five years for the possession of a gun will not deter the criminal from securing a gun and using it. The Sullivan law of New York State and the crimes with guns committed since its passage demonstrate the folly of expecting the criminal to obey a gun law. Only the law-abiding citizen will obey such a law. The law should therefore more properly be labelled "A law to disarm the law-abiding citizen and leave him to the mercy of the criminal gangster and enemies of his country." Even if it were possible by some magic to prevent the criminal from gaining possession of a gun he would not be deterred or prevented from committing crime. There are plenty of other deadly weapons available. The highway robber without a gun would do as has so frequently been done by the robber without a gun—use a knife, a black-jack or just a piece of gaspipe wrapped up in a newspaper. And it does not require a great deal of imagination to realize that the highwayman who "raps" his victim over the head is likely to produce more deaths by the skull fracture route than would result if a gun were used.

As to murder the proof is easily available that the lack of a gun does not prevent the person bent on murder from carrying out his intentions; our poison cases, axe murders, hammer murders and other

forms not involving the use of guns answer any contention to the contrary. The proponents of the "Alco" law suggest it would reduce the killings which are not premeditated and with malice aforethought and therefore not technically "murder." The argument overlooks the fact that most of the cases in which a person shoots in the heat of passion are cases in which the individual is one who goes armed for some reason or another. If the motive for going armed is strong enough such a person will not be deterred by a law such as that proposed and, if a gun is not available the individual will arm himself with some other weapon equally deadly when he flies into a killing rage. We might also suggest that the largest number of killings below the technical grade of murder are those involving the use of automobiles.

The law proposed declares itself to be an act to prohibit the possession of "pistols" and defines that word as including "a firearm of any description, by whatever name known, which is capable of being concealed upon the person." The law, therefore, applies not only to pistols and revolvers but to all firearms except those which cannot be concealed upon the person. When one considers the size of a gun which could be concealed in a trouser leg or under a full length overcoat we begin to realize that the proposed law is practically a law to prohibit the possession of any firearm, virtually the only exceptions being as to those persons given permission by the law. Even the exceptions are unwisely framed. There is nothing in the law which would permit any person or corporation to have in its possession a gun collection, a curio or heirloom of the firearm variety, nor is there anything in the law which would permit a ballisticsian to have gun specimens in his collection; all such persons would, under the Alco law, be guilty of a felony. Nor is there anything in the proposed law which would permit a gunsmith to have a gun in his possession for repair and, in fact, the law is so worded that, if it were adopted, our gunsmiths would have to go out of business.

One of the vices of the Alco law is that, instead of prohibiting the possession of guns by enumerated classes, the bill attempts to enumerate those who may secure permission to possess guns and, due to the lack of knowledge of the drafters, ridiculous and unjust results would fol-

low its adoption. If, for example, two police officers were engaged in a gun battle with bandits and one of the officers was disabled and unable to continue shooting and his companion, who had emptied his gun, took the gun of his fallen companion and emptied it at the bandits, the latter officer would be guilty of a felony and liable to a penalty of five years in the state prison.

It seems quite obvious that, before our police and other peace officers could comply with reasonable requirements of ability and efficiency they should demonstrate a fair degree of ability in the use of the service pistol or revolver; civil service requirements should and often do include this requirement. The Alco proposal would make this impossible for it wholly fails to make provision whereby a person might learn to use a pistol *before* he became an officer. Putting it bluntly the Alco bill, as it applies to peace officers, provides that a regularly paid peace officer may have a gun, that he need not know how to use it and that he may go armed and meet situations where he must use a gun without having any training in its use. The writer has coached enough men on the pistol range to realize the utter inability of the untrained man to shoot a hand gun with any degree of accuracy.

We sincerely hope this country of ours will never get into another war, but we have no guarantee that we will not. We cannot take chances. Preparedness in this country has to a considerable degree existed because of the fact that most of our men knew how to shoot before they enlisted. Bills such as the Alco measure will prevent such training and, in the light of the importance of handguns in modern warfare and the fact that it takes time to learn their use, the branding of the bill by the California Peace Officers Association as un-American is readily explained.

While the proposed bill exempts the armed forces of the United States, its exemption so far as the state militia is concerned is limited so as to permit the possession of pistols only "when in active service." It is obvious that drilling in the armories and practise on the pistol range is not "active service." Whether done intentionally or ignorantly the fact remains that the Alco bill would make it impossible for the California militia to drill or practise with pistols. It is difficult to believe that this was done in ignorance; the dictionary is full of words applicable to the promulgation of any measure which has the effect of disarming our state militia.

Guards, messengers and other employees, hired to protect life or property, may secure, under the Alco bill, permits to carry loaded pistols. It is striking that an individual can under no circumstance under the Alco bill, secure a permit to protect *his own* life or property but that such right is given only to an employee. The most charitable comment on this feature of the Alco bill is that its drafters are ignorant of the fact that there are cases in which individuals are compelled to go armed because of actual danger. Some years ago one of the lawyers of Los Angeles was shot at by an insane client who had threatened to kill him. Luckily the lawyer was not killed. The lunatic was placed in a hospital for the insane and escaped and the lawyer wisely secured a permit to carry a gun to protect his own life. Instances might be multiplied. There is no provision of the Alco bill which would permit a private person, in danger of a murderous attack, to carry a pistol for his own protection.

Among the other outrageous provisions of the proposed bill is that portion which would compel present owners of guns who failed to sell them or secure a permit for their possession before the bill went into effect, to destroy them without compensation; the provision that all pistols possessed at a time when the owner is not covered by a permit are subject to confiscation and destruction without compensation and that every gun which is found after being lost or stolen is to be destroyed unless the owner claims it within thirty days. No provision is made whereby the owner of a lost or stolen gun is to be notified.

It is also interesting to note the red tape which even a police officer has to go through before he can carry a pistol, a procedure which would take at least several days. Also that the law is so worded that it would permit the possession of but one pistol. Thus if an officer lost his gun or it came into a condition of disrepair he not only would have to wait several days before he could have possession of a new gun but, if he used a gun in the intervening period he would be guilty of the felony established by the law.

Another effect of the proposed law is that it will entirely prevent any dealer in California from selling any of the guns covered by the bill, for, in the enumeration of those who may under the law possess pistols, no provision is made for dealers. Neither is any provision made for the keeping of a supply of guns to

meet necessary demands. As a result the person entitled to have a pistol would have to get his weapon from outside of the state. Imagine what would happen should a major disaster or insurrection or mob uprising or crime call for the services of special armed guards or posses or that the special deputy sheriffs, who under the law are denied the right to possess pistols, should be called into service. Before these auxiliaries could be armed guns would have to be obtained from outside the state and at least two days would be consumed, *after* the pistols arrived before permits to possess the guns would be effective because the law requires that a prerequisite to a license to possess a pistol is that a description of the pistol be recorded with the State Bureau of Criminal Identification which happens to be located several hundred miles north of the southern part of the state.

Another incident to such a law would be the wrecking of the Reserve Officers Training Corps since no provision is made whereby that resource of our national defense could have possession of guns and without the possession of the weapons training in their use would be impossible.

So seriously does this proposed bill threaten the peace and safety of the State of California and (since it is stated that if adopted in that state, other states will be requested to do likewise) the peace and safety of the Nation as well that *there is good reason to believe that there is a sinister motive back of the movement.*

The Universal Service, Incorporated, in a copyrighted story by Karl Decker under date of October 6th, reporting on Communist activities in Russia and the United States, made the following statement:

"At a meeting at Trotsky headquarters last week one speaker boasted:

"Within another year, we will storm the doors of the Congress of the United States with delegations of such power and importance that we shall be able to force reductions in all appropriations for battleships, airplanes, and armed forces in this country.

"State forces commanded by our organization will also work to break down the National Guard now used wholly as a police force in interfering with strikes organized by our workers. When we have weakened the country by suppressing its rifle-bearers and poison gas throwers we shall be in a position to go ahead with our plan for setting up a Government based on the theories of Karl Marx, Lenin and Stalin."

"Agents of the Third International are now actively engaged in making contacts with church organizations throughout the country in order to build up a solid religious support for their campaign of pacifism, it was said."





MY LUCKIEST SHOT. THIS EAGLE WAS KILLED WITH ONE SHOT FROM A .22 PISTOL AT 80 YARDS

## Eagle-Shooting in Alaska

By LUCIUS E. BURCH, JR.

**E**AGLE-SHOOTING, of all forms of rifle shooting, is a type of sport that is most attractive to the finished rifleman. It is not a game for a tyro, or one that can be played pleasantly or profitably with anything but the most highly-specialized equipment.

Unfortunately, there are few spots left where the eagle abounds in quantities sufficient to furnish consistent shooting or to justify the initial effort and expense incidental to successful hunting; consequently there are few riflemen who are familiar with this kind of shooting. I shall therefore try to give a sketchy picture of this purest of all rifle sports; a sport wherein the thorough shooter may have the fun of the game and incidentally pay his way as he goes.

Southeastern Alaska is an eagle paradise. The birds abound in great numbers, and due to their predatory nature the territory of Alaska has seen fit to place a bounty of one dollar on each bird. The bounty has been on for some years despite the howl of the sentimentalists back in the States, who raise a great racket at the thought of slaying the national bird. The bounty is well placed, I am convinced, in view of the examinations I have made of the stomach contents of a large number of birds, and of the conversations I have had with Mr. Duresne and other highly-trained and efficient members of the Biological Survey and Alaska Game Commission. It can readily be seen that one is not going to make his fortune on eagle bounties at a dollar apiece, and in fact it

takes mighty close holding to pay expenses for an outsider, although with luck it can be done.

Eagle-shooting must be done from the water. That is, the birds are spotted from a small boat, or while you wade the beaches of the small streams. Then the boat is beached or the hunter wades ashore, and takes his shot. Due to the angle of the shots usually presented, and the nigger-heads that litter the beaches, the prone position is not satisfactory as a rule, and the sitting position, being much more flexible and adaptable to shots at high angles, is usually the one chosen. Birds that are spotted far back from the beach or stream are not molested, as the brush and "devil's club" make it extremely difficult to find them after they are on the



ground. The nature of the bird makes it impossible to get close shots, the average range being from one hundred and seventy-five to two hundred and fifty yards. Some shots will be taken at seventy-five yards and some at four hundred, but these are unusual.

It is the purpose here to give a few pointers on the equipment necessary, as well as on tactics and methods of hunting, in the hope that these may be of value to others contemplating an Alaskan trip, for the author knows from much worry and bitter travail that the average outfit is totally unfitted for conditions encountered in Alaska, and the average person is but poorly informed as to bounty hunting.

Let us first consider the matter of rifles, for the rifle is the most important instrument in the outfit. It must be built first and foremost for long-range precision shooting, and must be equipped with scope sight. Fortunately, due to the small amount of walking necessary, weight is no consideration, and rifles weighing twelve or fourteen pounds are not too heavy. The heavy Type T Springfield and a good scope is a fine combination, but the rifle must be restocked before it will be satisfactory. The Springfield Sporter with an 8X Fecker scope is the favorite of the Alaskan. I myself used a Winchester 54 with a special high-combed stock, and had a Voightlander 3X scope mounted flat on the receiver, the ocular lens being forward of the bolt handle. The caliber was .30-'06, and on the whole the outfit was satisfactory.

It should be remembered that the eagle is at all times a large and tough customer. The average spread of his wings is about seven feet or better, and he takes some killing. It is generally held that the .30-'06 is the smallest caliber suitable for eagles, and I followed this doctrine and used a cartridge consisting of the 150-grain Remington bronze-point bullet and 58 grains of duPont 1147. This is an exceedingly accurate load, and in the 54 it would stay in a 3-inch circle at two hundred yards. The

killing properties also are excellent; in fact it is too good a killer, as eagles hit solidly are torn up to such an extent that they have a tendency to hang in the trees.

I am of the opinion now that the .30-'06 is too much gun for eagles. The great amount of shooting done each day is sure to cause flinching by all but the stoutest, and all in all, the same work can be done as well or better by a lighter cartridge. This opinion as to excess killing power is substantiated by the experience of resident Alaskans who use nothing but M1 spitzer bullets in their rifles, and have excellent results. It is certain that the paralytic effect of a smaller and lighter bullet of proper sporting type would be much greater than that of the metal-cased spitzers in the .30-'06. J. H. Hibbs, of Pybus Bay, Alaska, kills hundreds of eagles with the .25-20 high-speed. His average is not high, because of the poor accuracy of the load; but very few birds, once hit, take their claws elsewhere.

It would seem, therefore, that a good .25 Roberts, 250-3000, .25-35, or .25 Remington would be a better eagle rifle than

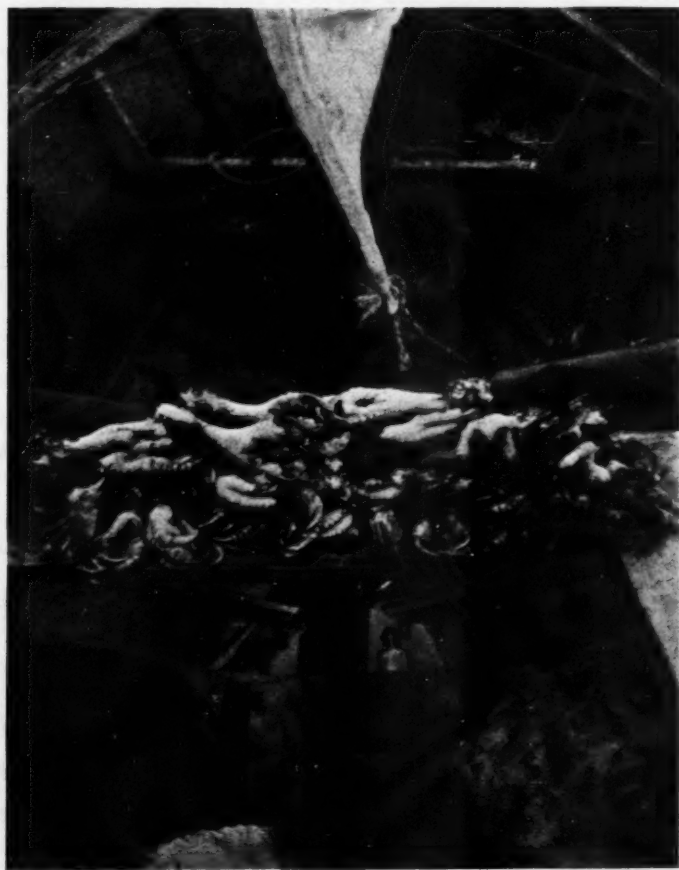
the .30-'06, and would do the same work with less fuss and punishment. All of the native Alaskans are much opposed to these small outfits because of the bears that inhabit the same country as the eagles, but one who is reasonably careful need have no concern for the bears, although he will see many in the course of an extended eagle hunt. The Brownie is not usually afraid of man, and will run if given the chance. He will, however, attack mercilessly if he imagines that he is cornered; while if the hunter should come between an old sow and her cubs, fireworks would surely be the order of the day. In the event that a bear did get tough, one of the smaller rifles would be rather out of place, for an enraged Brownie requires a lot of stopping. However, there is no need for anyone to get himself into such a predicament if he will use a little caution, making plenty of noise in going into the bush so as to give the sleeping bears a chance to waken and move on. It is only when bears are surprised or feel that their dignity is being threatened, that they are dangerous. However, in spite of the ease

of avoiding bears, about two serious maulings or fatalities from this cause have occurred each year. These could usually have been prevented by the application of a little horse sense and caution, but the fact that they have occurred has made the resident Alaskan wedded to his "bull gun" for all purposes.

The scope should be of the best obtainable. I do not believe that the target scopes, excellent as they are for precision work, are suitable for knocking around in small boats. The Noske, Zeiss, or Hensoldt scopes are all good if mounted on reliable bridge or side mounts. The graticule should be of the flat-top post type, and the scope and rifle zeroed at two hundred yards, and left there. The scope should have a good set of lens covers, and the elevation turret should be covered with a rubber sleeve, as should the adjustments for focus and parallax.

A good pair of binoculars is indispensable, and as is true of everything else in the eagle-shoot-

THE LARGEST DAY'S BAG—31 PAIRS OF CLAWS, INCLUDING THOSE IN THE GUNNY SACK ON THE BOTTOM OF THE BOAT



# Duck Guns and Duck Shooting in the Old Days

By CHARLES ASKINS

(Continued from January Issue)

I CAN remember but once when I saw more ducks in one day than Albert and I had to contend with that first morning on Schoen Lake. If the Editor will permit, I'll digress long enough to tell of that day, since this is a tale of the waterfowl of from three to five decades ago, and I may never write of this particular time again.

It was at Hackberry Lake in the Sand-Hill country in Nebraska thirty miles south of Valentine, in the year 1900 and during the last days of October. We had been grouse shooting, mostly sharptail grouse, as these fine birds had not packed up, and were not so wild as the true prairie chickens. Von Meltendorff and I were staying with a rancher, a Kincaid man, who was trying his best to make good on his thousand acres of bunch grass which would produce little besides chickens. Meltendorff was a great old boy on an outing. Born in Germany, raised in America, with a natural bent for the Army, he had served sixteen years in a cavalry regiment, had reached the rank of top-sergeant in his troop, had failed to make the grade for a commission, and had then refused to reenlist. He was a splendid drill-master from all accounts, had a record as an Indian fighter, and was firm in the conviction that the only reason for not giving him a commission was that he had been born German. Anyway, he was a fighting man, in the army or out. He started a saloon in Valentine, and made money because every soldier of the regiment still stationed at Fort Niobrara—four miles from town—was just bound to patronize his old "top-kick." Having money now, as well as standing in the community, he took up shooting like an officer and a gentleman.

We were not shooting a very great deal, but had thirty grouse, which were plenty for the free lunch which Meltendorff intended to give on his return to town. We hadn't killed many ducks, not wanting them, and had we shot wantonly we would have been severely condemned by "Old Dutch Bill," the ranchman, who was a reformed market gunner; and we knew we couldn't get by Bill because he drove the wagon for us, while Meltendorff and I rode horses. Meltendorff owned the outfit, which was a fine one, all the horses being gray or iron-gray the same as those of his old troop. The only dogs we had were two Russian Borzois which some officer had given Meltendorff when trans-

ferred from the post. The old cavalrman and I really preferred wolf-chasing to shooting, as it gave us a chance to ride, and the horses could run. The dogs had killed one wolf and missed another. Dutch Bill would come after us in the wagon at break-neck speed, making more noise than both of us together.

Along in the afternoon there were indications of an early-season blizzard. It hadn't become colder, but rather warmer, with a haze in the northwest. We'd have left for town at once, having a team that could cover the thirty miles in three hours, but we were living in sheer comfort, with oats and hay in the sod stable, while Meltendorff had himself supplied the commissary with everything good to eat and drink that the town afforded. Let it storm; von Meltendorff and Bill would play seven-up for the drinks, while I read a book I had brought with me. They wouldn't ask me to play cards because my rotten playing irritated them. We hadn't seen a newspaper in a week, and didn't mind—the Spanish-American War was over, and neither Meltendorff nor I had been in it, much to our regret.

We were just idly riding about, surfeited with shooting. Occasionally we killed a grouse from horseback, too lazy or too indifferent to dismount. Now and then a flock of foolhardy ducks came over, drawing a shot, for ducks were not accustomed to being shot at by cowboys. There were ducks in sight all the time, for this was the best duck country anywhere between the Missouri River and the mountains. It still is. Thousands upon thousands of webfeet had bred all over that Sand-Hill country, an area two hundred and fifty miles square. Not only ducks, in fact, but every other variety of waterfowl and wader. It was the only country in which I ever killed many curlew, both long-billed and short-billed. They were all over the sand-hills in July and August, together with both varieties of cranes, and even jack snipe. In June, when the young could not fly, I have seen every species of duck that I knew anything about, including canvasbacks, redheads, and bluebills, as well as Canada and other geese. The prairie plover were like the passenger pigeons of an older day, for, ride as far as you might, these birds were never out of sight or hearing.

The curlew, plover, blue-winged teal, shovellers, cranes and herons—all varieties of fowl or wader that lived on water in-

sects, were gone now, but all the local ducks remained, merely collecting from the thousands of small ponds and lakes into the larger bodies of water like Hackberry. Certainly every ranchman killed all the ducks he wanted to eat from July 4th on, but who wants to eat ducks when it is just as easy to get half-grown chickens? At that, every ranchman considered he was liable to starve unless he could afford bacon. Beef he knew he could have, if it were only a stray steer that nobody claimed, but it was a poor hog country, and he must have bacon.

A few hours before sunset Dutch Bill decided that he had better go home and drive up the cattle within reach of the prairie hay-shed, as nobody could foresee just how severe that blizzard might be, or how long it would last. He took one of the saddle horses, the dogs following, and we tied the other horse to the team and climbed into the spring wagon. No one wanted to shoot—we were fed-up on shooting. Nevertheless, before leaving, Bill gave me a solemn warning: "Now, Carl, you are goin' to see the biggest flight of ducks you effer did see in your whole life, or anypotty else effer did see either. You lay off-en 'em—you git me? If you come home mit too many ducks I'm dampt if you don't sleep out in der vagon tonight, which ain't no choke. Oh, the Count, he don't count. He couldn't hit ducks nohow, so yist let him shoot. If you could git money for 'em-ja, but I yist von't haf my ducks killed for fun."

Hackberry Lake was a mile and a half across, and extended to the north and south until the hills surrounding it became blue instead of yellow. The Lord knows how many ducks were on that lake. They were packed in and riding in great beds, the deep-water fowl in the middle—canvasbacks, redheads, and blue-bills apparently fraternizing. Presently we noticed that the fowl were becoming restless, getting up, thousands together, and winging about in great circles; then dropping back. It seemed to me that those webfeet were merely trying their wings, for their flights shortly became huge spirals upward, like those of the cranes, but much steeper. When high in the air they would spiral down again, the whole thing without any apparent object. Nobody knows how far a duck can see when he is four hundred feet in the air, for all birds have eyes far keener than those of man. At a hundred

yards a hawk can see a man wink, or note the steady glare of his eyes. Very possibly this duck parade was a signal to the outlying duck army to come in and prepare for action. In any event the wildfowl came from all directions, flying low and straight over the hills. The newcomers dropped in promptly; and no ducks were making any pretense of feeding. Geese were in the upper reaches of the lake, but riding idly.

The whole thing appeared startlingly like the work of a great invisible air-funnel. In the wide outer circle of that funnel the birds climbed, but they came down much faster in an inner, much narrower spiral. Wheeling as one bird, their wings flashed in the sun, then blackened in the shadows. We noted curiously that we could see the hills much more plainly through the black dots than we could through flashing wings. Except when some flock came very close to us, the only noise was that made by the redheads, turning loose high in the air and dropping with a rush and the whistle of set wings.

By and by we noticed that the flocks from the north were steadily increasing in numbers, and we surmised that the "northerners" were arriving. They came in high, far up in the air, striking the top of our spiral flight and drifting around with it, and down. Once in the water, every species joined his own kind, the deep-water birds being in the center, and the mallards in some reedy beds along the shore; and there they stayed. We began to wonder if Hackberry Lake would hold them all, for from our point of view there were hundreds of acres packed solidly with birds, with no open water whatever to be seen among them. And still the birds were coming in from the north, a flock every minute or so now. The thing wasn't altogether strange to Meltendorff or to me. We were old prairie loafers, and had watched the waterfowl preparing to migrate before; but this was usually at dusk, and never in such numbers.

Presently we could see the plan of action. From the very top of the spiral, flocks began to break away, winging directly south, on a line as straight as the bee flies. It became, shortly, a black stream of fowl coming in, and another black stream going out. Just why the foreigners didn't continue right on about their business was not apparent to us, but they did not, and continued to alight while the local birds went out.

Meantime the haze in the northwest had deepened—deepened and drawn nearer, dimming but not obscuring the sun. A breeze sprang up which hardly touched us, though we could hear it faintly droning high overhead. Now all the ducks in the lake took wing, and a thousand geese came bearing down, straight and low, gradually

rising, looking like ocean-going ships among the lesser craft. No duck flocks could be seen now, but merely masses as black as pine timber outlined against the sky. Not all of those ducks could fly at one level, and the stream was a hundred yards deep. Some of them were just clearing us—not thirty feet in the air. The sun disappeared, and semidarkness was upon us. The lake turned black as ink, and then the waves began to roll and the whitecaps to break. A blast of icy air struck us, and the tall bunch grass waved like a sea. High above the wind shrieked a warning, and passed on. Much nearer was the roar of the wings of the passing waterfowl.

During all this time we had sat quietly in the wagon, not shooting, content with what we were seeing. Now Meltendorff asked me to get out and shoot a few ducks with his gun, for he had some misgivings as to just how good a duck gun it might be. He meant to stand back of me, and I'd tell him just where I had held. We drove to the lake shore and got out, leaving the team headed away from the storm; and we left my gun across the seat.

It was hard to hit those ducks, but Meltendorff insisted that I keep on shooting, for I told him where to hold before the ducks got there, and where I had held for a hit. His gun was apparently all right, but nobody could have missed those ducks because they were too low and too thick. I asked him how we would get by Bill, for we had twenty ducks down, all falling on land where he could retrieve them. "Ach," he said, "I'll fix Bill. I'll tell him we shot these ducks for the Widow Dugan, an old flame of his." As it happened, the Widow Dugan never got those ducks.

I was watching, hoping that a flock of geese would come along, when I heard Meltendorff give a shout, and turned to see him going full tilt after a runaway team. He couldn't catch up, for that team was running as fast as they knew how, going in the direction of Bill's house, fortunately. That settled the duck shooting for me, because I knew pretty well that something was going to happen to my gun. We found the gun without any trouble, within a hundred yards of where the team had started to run. There was a slight crack in the stock over the lock, and thereafter I could never keep that gun from doubling,

though it had never done this before. It had a single trigger. It was two miles to the shack, and we found the team there, all right, Bill having unhitched and put the horses in the stable. Not a line or a trace of a bridle-rein had been broken, and the "Count" was indignant because Bill hadn't driven back for us.

"Served you yist right," declared Bill. "I hear you shoot; I hear you shoot a-plenty—now what you do mit dem ducks?"

"Ducks? You suppose I was goin' to carry forty ducks for four miles?"

"So!" exclaimed Bill ominously. "So, I told Carl what happens him if he kills too many ducks; and by *himmel* that's yist what happens!"

"Every one of 'em was killed with my gun," asserted Meltendorff.

Bill looked skeptical. "Mebbe so," he grumbled; "them ducks was so damp thick that I guess you couldn't miss 'em."

The next morning the snow was a foot deep, and it was still snowing; a fine, bitter half-sleet, not falling but traveling horizontally over the earth, so thick that we couldn't see the stable thirty yards away. It was perfectly comfortable in the sod house—stove glowing, coffee hot, with bacon and eggs and a platter of young grouse fried to a turn. The cows were under the shed, the horses munching prairie hay, and I milked while Bill got breakfast. The two wolf dogs were back of the stove, as near heaven as dogs ever get in a Nebraska blizzard. We were all happy—dogs, cows, horses, and men, when Meltendorff had mixed a hot drink to start off the day.

"Pretty hard on the ducks," I observed to Bill.

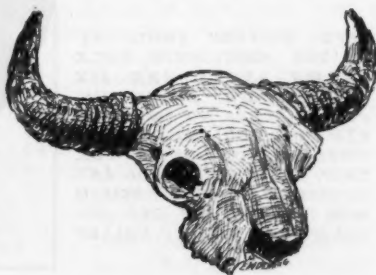
"Oh, I dunno. If them ducks can fly as fast as people say they can, they never even let that storm step on their tails. I bet they are down in the Texas Panhandle right now, eatin' some poor rancher outa house and home. Ducks have a good appetite, all same as you, Carl, and somepotty wakes up this morning with a million ducks in his kaffir corn."

"How many ducks did we see, anyhow, Bill?"

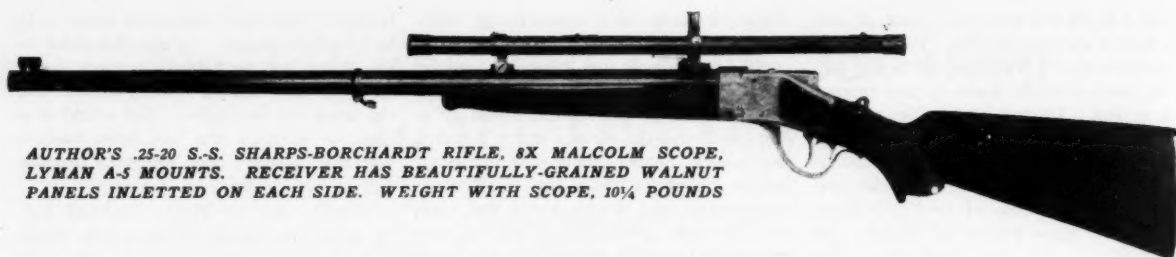
"Ach! How should I know? If you and me was shootin' togedder, and we wanted to do it and had plenty shells, I guess we kill a thousand ducks yesterday. If we did, somepotty ought to shoot us, the both."

Two days later, when we could see that far, Hackberry Lake was frozen over solid; frozen and drifted over with snow. Not a duck was in sight, or a hawk or a crow, or any other living thing. We went down, chopped a hole in the ice, and fished. The coyotes got all our ducks. And now let us return to Schoen Lake.

(To be continued)







AUTHOR'S .25-20 S-S. SHARPS-BORCHARDT RIFLE, 8X MALCOLM SCOPE, LYMAN A-5 MOUNTS. RECEIVER HAS BEAUTIFULLY-GRAINED WALNUT PANELS INLETED ON EACH SIDE. WEIGHT WITH SCOPE, 10 1/4 POUNDS

## Small-Bore Rifles Fit to Shoot

By N. H. ROBERTS

**M**ANY years ago *Outers' Book* published under the title, "Small Bore Loads Fit to Shoot," an article by C. S. Landis describing his experiments with various kinds of powder and different bullets in an effort to find the most accurate loads in .25-21-caliber rifles.

It is a well-known fact that for many years the .25-21 was the most accurate .25-caliber cartridge made; and in the best rifles, with the combination of powder and bullet exactly right, it would make very small groups at 50 and 100 yards, and excellent scores at 200 yards when it was not too windy. In those days, black, semi-smokeless, and low-pressure smokeless powders were in general use, and gave fine accuracy when the right kind and charge of powder, and the right bullet, were found for each rifle; but such rifles did not of course have the high velocity that the present speed-bitten age demands. Nevertheless, rifles of that type back in the 1880's and 90's shot groups at nearly all ranges that are still world's records.

### Accurate Loads for .25-21 Rifles

In my "Vacation Echoes" last year I mentioned this old article by Mr. Landis, and the groups that he made with his .25-21 rifle at 50 yards rest with his best loads. I also mentioned that my .25-21 Schoyen-Ballard, using 8 grains weight of du Pont Schuetzen and the 60-grain Remington open-point bullet, would make average 10-shot groups at 100 yards rest that were as small as, or even smaller than, the 50-yard

groups that Mr. Landis made in those days. However, as the Schuetzen powder has not been made for many years, and I had not at that time been able to find any modern smokeless powder that gave fine accuracy in the .25-21 cartridge, I feared that this fine rifle would have to be laid aside as a has-been.

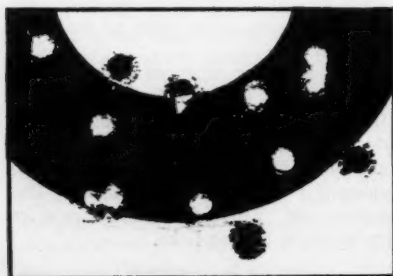
After the publication of that article of mine I received a great many letters from riflemen all over the United States and Canada who still use .25-21 rifles, and I was indeed surprised to find so many men still using this fine cartridge. But like myself, most of them complained that they could not find a really accurate load with our present smokeless powders. A few of them mentioned loads that gave nice accuracy in their rifles, but most of them requested that I advise them if and when I found a very accurate load with our present powders. Therefore I am glad that at last I can report such loads.

Among those who wrote me, Mr. C. A. Shafer, of Cheyenne, Wyoming, very kindly reported to me the following loads that give *super-fine accuracy* in his .25-21 Schoyen-Ballard rifle. First, 9 grains weight of du Pont No. 1204 powder, a card wad on the powder to hold it in place, and the 100-grain Schoyen bullet cast 1 to 15 or 1 to 20, seated in the throat 3/32-inch ahead of the case, a "dummy" cartridge being used as a bullet-seater. Second load: 3 grains bulk of King's semi-smokeless FFg in the base of the shell, with 7.5 to 8 grains weight

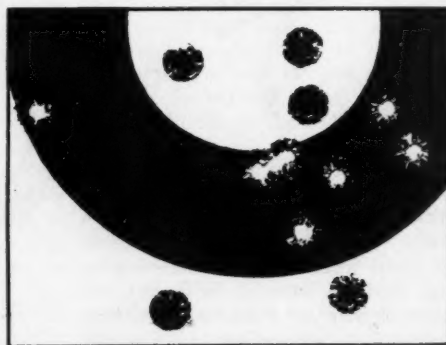
of du Pont No. 80 on top, card wad over powder, and the 90-grain Schoyen bullet cast 1 to 25 or 1 to 30 and seated lightly (about two bands) in the case.

The 90 and 100-grain Schoyen bullets are practically the same shape as the Pope bullet; that is, they are taper bullets, having a base band wider and of somewhat larger diameter than the other bands, and tapering gradually to the front band, which is bore diameter. Such bullets can be seated easily in the throats of most rifles by using a "dummy" bullet seater, which is simply a .25-21 case with a hardwood plug 3/32-inch longer than the case fitted tightly inside of it. In loading the rifle the muzzle is pointed down, the action opened, the bullet dropped in, the dummy case inserted, and the action closed, which forces the bullet into the rifling ahead of the case. The dummy is then removed and the case containing the powder and wad only is inserted, and the rifle is ready to shoot. In this way remarkable accuracy may be had from .25-21, .28-30, and .32-40 single shot rifles, especially if the barrel is by Schoyen, Zischang, Pope, or Peterson.

I found that the first load mentioned above gave finer accuracy in my rifle than did the second one. Also I found that 9.3 to 9.8 grains weight of No. 1204 powder and the 100-grain bullet made smaller groups than the 9-grain load. Instead of the card or blotting-paper wad over the



LEFT: FIFTEEN SHOTS AT 100 YDS. REST, WITH RIFLE SHOWN ABOVE AND 10X FECKER SCOPE. NO. 116 WIN. PRIMER, 12 GRS. NO. 2400, 87-GR. REM. O-P. BULLET. RIGHT: TWELVE SHOTS AT 100 YDS. REST, WITH SAME RIFLE AND 8X MALCOLM SCOPE. NO. 116 WIN. PRIMER, 14.3 GRS. NO. 1204, 70-GR. W. T. AND C. BULLET



powder, I prefer a wad cut from an old felt hat, as this holds the powder in place better than the thin card wad, and appears to give better results in my rifle. With this load in my .25-21 Schoyen-Ballard rifle, and using the 8X Malcolm scope, shooting from bench rest at 100 yards I frequently make remarkably small groups, as the targets illustrated show. Any 10-shot group that measures over 1 inch from center to center of bullet holes farthest apart I consider only fair, and I have made many 10-shot groups that measure from  $\frac{5}{8}$  to  $\frac{3}{4}$  inch. The second load, using the 90-grain Schoyen bullet seated two bands in the case, will make  $1\frac{1}{4}$ -inch groups or smaller at 100 yards rest under fair weather conditions, and will please those who like the bullet seated in the case. This load should be fine for squirrels, prairie dogs, etc. but the cartridges would have to be carried in a box, as the bullets would jar out of the cases if carried in a belt.

Both loads are extremely accurate, and shoot with such uniformity any day, every day, that it is a real pleasure to use them in this fine cartridge. As a further example of the very fine accuracy that I get with the load of 9.5 grains of No. 1204 and the 100-grain Schoyen bullet in my rifle, I may state that shooting from bench rest at 85 yards, which latter is the maximum range at which I can see distinctly enough to hold on the head of a tack with my 8X Malcolm or my Fecker scope, I seldom fail to hit five carpet tacks in five shots, and I have sometimes, in the presence of witnesses, hit ten such tacks in ten shots.

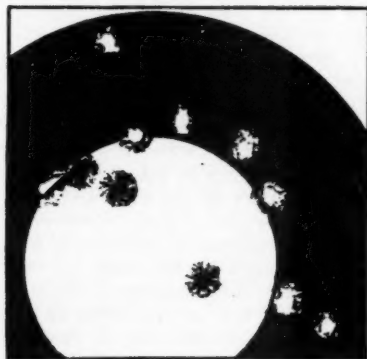
Nonmercuric primers should of course be used with both loads mentioned, and I have found the Winchester No. 116 the best primer for this cartridge. The rifle cleans very easily with either load, and there is no danger of pitting the barrel if these primers are used. But the rifle *positively should be cleaned, and oiled or greased*, after using, regardless of statements to the contrary. Moulds for the 90 and 100-grain Schoyen bullets can probably be purchased from A. W. Peterson, Denver, Colorado, since the late George C. Schoyen was in partnership with Mr. Peterson at the time of his death and I understand that Peterson has the cherries used by Mr. Schoyen in making the moulds for these bullets.



FOURTEEN SHOTS AT 100 YDS. REST. .25-21 SCHOYEN-BALLARD RIFLE, 8X MALCOLM SCOPE. NO. 116 WIN. PRIMER, 9.5 GRS. NO. 1204, 100-GR. SCHOYEN BULLET SEATED IN BREECH

I am sure that owners of .25-21 rifles will find that either of these loads will shoot more accurately than ever did any loads with the old Schuetzen and du Pont No. 1 powders, and will give fully as fine accuracy at 100 yards as the best Hornet

TEN SHOTS AT 100 YDS. REST, SAME RIFLE AND SCOPE. NO. 116 WIN. PRIMER, 13.5 GRS. NO. 1204, 70-GR. W. T. AND C. BULLET. ELEVENTH SHOT WITH 14.3 GRS. NO. 1204 TO SHOW DIFFERENCE IN POINT OF IMPACT



rifles. A pound of No. 1204 powder will load about 700 cartridges, the primers are cheap, and lead and tin for casting bullets are inexpensive, thus making possible cheap and very accurate ammunition for those who own rifles for this fine cartridge. New barrels chambered for the .25-21 cartridge can be obtained from the Niedner Rifle Corporation or A. W. Peterson, both of whom are noted makers of super-accurate rifle barrels.

#### The .25-20 Single-Shot Cartridge and Rifle

Mr. F. J. Rabbeth of the Massachusetts Rifle Association was the originator of this cartridge, which was first loaded by him with a 76-grain bullet and with which he made good scores at 200 yards. On one of my visits, years ago, to the Walnut Hill Range, I saw Mr. Rabbeth shoot two clean scores at 200 yards offhand with this cartridge in his Maynard rifle, his first score totaling 87 and his second 92, which shows that the little cartridge was capable of fine accuracy at this range even with black powder. By a "clean" score we mean that all ten shots are in, or on, the 8-inch bull. The .25-20 Single-Shot cartridge was for many years a favorite of Colonel Whelen's, and he did a great deal of experimenting with it in a Winchester Single Shot rifle using the old du Pont Schuetzen or du Pont No. 1 smokeless powder with 2 or 3 grains of FFg black powder in the base of the shell as a priming charge

for black-powder primers. The Colonel found this a speedy and accurate load for those days, and an excellent one for small-game shooting, though too powerful for squirrel and partridge unless these were shot in the head. Many other well-known riflemen used this cartridge extensively, and it was known for years as one of the finest of the small-bores; but with the passing of our single-shot rifles it has gradually gone out of use, except by a comparatively few riflemen.

I bought my first rifle for this cartridge—a Winchester Single Shot—in the autumn of 1890, and have owned many rifles of this caliber since, all of them proving very satisfactory. I always liked these rifles very much, and with them shot many woodchucks on my father's and neighbors' farms, as well as foxes, crows, hawks, and owls. It was a good killer with either the 77- or 86-grain bullet, but as the lighter bullet had the flatter trajectory and higher velocity, it was the better of the two. With this cartridge in a Hopkins & Allen single-shot rifle I killed, with a single 86-grain bullet, an "outlaw" steer that had gone wild in a mountain pasture; while with a Stevens "pocket rifle" with 15-inch barrel and chambered for this cartridge I killed a large Canadian lynx with one 77-grain bullet in the shoulder. That was many years ago, and I cite these cases merely to show that this little cartridge had fine killing power with the black and low-pressure smokeless powders in use in those days.

Out in the West Mr. Allyn Tedmon and his friends have for several years been developing high-speed loads for the .25-20 S. S. cartridge shooting prairie dogs and similar animals. After testing many different kinds and charges of smokeless powder, and various bullets, Mr. Tedmon finally settled on a load of 16 grains weight of du Pont No. 1204 and the 60-grain hollow-point bullet as the most accurate in his rifles at from 100 to 150 yards, and he has killed hundreds of prairie dogs with this load. Such ammunition will make 10-shot groups at 100 yards rest that average from  $1\frac{1}{2}$  to  $1\frac{3}{4}$  inches, as shown by numerous targets Mr. Tedmon has sent me.

About a year ago I decided that I must have another rifle for the .25-20 S. S. cartridge, and try my hand at developing high-speed loads that would give

TEN SHOTS AT 100 YDS. REST. .25-21 SCHOYEN-BALLARD RIFLE, 8X MALCOLM SCOPE. NO. 116 WIN. PRIMER, 9.5 GRS. NO. 1204, 100-GR. SCHOYEN BULLET, CAST 1 TO 20 AND SEATED IN BREECH



fine accuracy at from 100 to 150 yards at least. As I had a fine Sharps-Borchardt .40-70 long-range rifle, I decided to use this as the basis for my .25-20 S. S. I wanted a heavy 28-inch barrel, and through my friend H. A. Donaldson I secured a fine .25-caliber Savage nickel-steel barrel measuring about  $\frac{3}{8}$ -inch diameter at the muzzle and cut with a 14-inch twist. I then sent this barrel and the Sharps-Borchardt rifle to Griffin & Howe with instructions to chamber the barrel, closely, for the Peters .25-20 S. S. cartridge, blue it, and fit it to the Borchardt action. Base-blocks for telescope sight, and an aperture front sight, were also to be fitted.

In due time the new outfit was returned to me, and I have since spent considerable time testing various kinds and charges of powder with different kinds and weights of bullets at 100 yards rest, using telescope sight. My first tests were made with 15 and 15.5 grains of No. 1204 powder and the Remington 60-grain open-point bullet, as this load had been commented upon in the April 1932 issue of this magazine by Mr. David A. Drew, Jr., in his interesting article, "The .25-20 Single-Shot Express." However, my tests of this load were not at all satisfactory, the accuracy being poor. Life for me is too short to waste time testing any cartridge or rifle that cannot be depended upon to make average groups of about  $1\frac{1}{2}$  inches at 100 yards rest, and I found that 15 or 15.5 grains of No. 1204 and the 60-grain bullet would not average better than  $2\frac{1}{4}$  inches in my rifle under good weather conditions. I therefore commenced increasing the powder charge  $\frac{1}{2}$  grain at a time until I was using 17 grains weight, which gave very high pressures, frequent pierced primers, and finally broke the tip off the firing-pin. Thereupon I reduced the charge  $\frac{1}{10}$  grain at a time until the load was 16 or 16.3 grains, with this same 60-grain bullet. Repeated tests of these two loads in my rifle show that either one will keep ten shots in  $1\frac{3}{4}$  inches, with occasional  $1\frac{1}{2}$ -inch groups, at 100 yards rest, and they are the most accurate loads with the 60-grain bullet that I have yet found. However, this was not fine enough accuracy to suit me, and I next tested different charges of Hercules No. 2400 with the 60-grain bullet. These tests showed that 14.2 grains weight of this powder is the maximum load for that bullet, for it gave high pressures, sticking cases

when the rifle was hot, and the accuracy was no better than with 16.3 grains of No. 1204. I then secured some of the du Pont "Experimental No. 25" powder, and tested different charges of this with the 60-grain bullet, but the accuracy was poorer than with either of the other powders.

The fact is that really fine accuracy with the 60-grain bullet in the .25-20 S. S. cartridge at 100 yards is practically impossible, because this bullet is too short and "stubby," and does not balance properly. What we really need in order to get  $1\frac{1}{2}$ -inch groups or smaller is a well-made bullet weighing from 70 to 75 grains. The only .25-caliber 70-grain bullet now on the market is, I believe, that made by the Western Tool and Copper Works, and it gives fine accuracy in this cartridge but costs \$25.00 per M—an exorbitant price for any .25-caliber bullet. However, I used several hundred of these bullets with different charges of No. 2400 and No. 1204 powder, and found the accuracy to be best with 14.3 or 14.5 grains of No. 1204. The maximum load of Hercules No. 2400 with the 70-grain bullet was found to be 13.6 grains in my rifle, and showed high pressures, while the accuracy was not as good as with No. 1204 powder. Either of the above loads with No. 1204 and this 70-grain bullet will make average groups of  $1\frac{1}{2}$  inches, with occasional  $1\frac{1}{4}$ -inch groups, at 100 yards rest in my rifle when conditions are good, and is a far more satisfactory load than any yet developed with the 60-grain bullet.

Different makes of 86-grain soft-point bullets were next tested with various

charges of No. 1204 and No. 2400 powder, which showed that the 86-grain Savage and Remington bullets with 12.5 grains of No. 1204 were the most accurate and would average  $1\frac{1}{2}$ - to  $1\frac{3}{4}$ -inch groups at 100 yards rest. The Remington 87-grain hollow-point bullet with 12.3 grains of No. 1204 or 12.2 grains of No. 2400 also gave nice accuracy and would average about  $1\frac{1}{2}$ -inch groups at this range. The Hercules No. 2400 with this 87-grain bullet gave a little better average accuracy than did the No. 1204, and frequently made  $1\frac{1}{4}$ -inch groups of ten shots each. Of course the velocity is considerably lower with the 86- and 87-grain bullets than with the 60- and 70-grain, but these heavier bullets gave more uniform accuracy than the lighter ones, and have excellent killing power on small animals.

The tests of the .25-20 S. S. cartridge with these different charges and kinds of powder and different bullets show that this high-speed cartridge gives much better average accuracy on windy days than we got with the .22 Hornet, and we found that the rifle did not change elevation and windage frequently as was the case with the Hornet rifles tested. There appears to be no real reason why the .25-20 Single-Shot cartridge with a suitable bullet should not give as high velocity and fine accuracy as any small-bore cartridge on the market, but in order to secure this we must have a well-made and correctly-shaped 70 or 75-grain bullet and one that will sell at a low price—about \$10.00 per M.

Among our desirable small-bore cartridges there are none that are easier and cheaper to reload than the .25-21, the .25-20 S. S., and the .22 Niedner Magnum, which cartridges when properly reloaded are among the most accurate at ranges of from 100 to 150 yards, while the last two are in the first rank as vermin cartridges.

As this magazine is about to go to press I am glad to be able to report that we have succeeded in interesting Mr. R. B. Sisk in the production of a .25-caliber 70-grain soft-point bullet for use in the .25-20 S.-S. high-speed cartridge. As is well known, Mr. Sisk makes splendid bullets for the .22 Hornet and .22 Neidner Magnum, and we are sure that this .25-caliber 70-grain bullet will be up to his usual high standard. He has advised me that he expects to be able to sell these bullets at \$15.00 a thousand.





## Principal Contributors in This Issue

CHARLES ASKINS, N. H. ROBERTS, and KENNETH FULLER LEE are well known to readers of this magazine.

JAMES S. LANGWILL lives in Tomah, Wisconsin. A jeweler by profession, he is a lover of woods and fields and waters. To quote in part from a letter of his: "My father liked guns, and contributed a few articles to the English *Field and Forest and Stream*. I still use and treasure his gun, a beautifully made English double twelve gauge. My brothers and I used another fine double barrel brought over from Scotland. We also had a few inexpensive single-shot rifles: Flobert, Stevens, and Hopkins and Allen. Our hunting was principally directed toward the usual farm pests, but we did a lot of informal target practice.

"One incident of those boyhood days I have reason to remember, when an old Flobert .22-caliber rifle, in my own hands, was fired accidentally into the instep of my right foot. \* \* \*

"We frequently spend a day or two on the farm of a good friend, wandering through the woods hunting crows, trying out new handloads on an improvised range, or just resting and watching the wild life about."

PARKER M. MERROW, of Center Ossipee, New Hampshire, writes: "I inherited my love of firearms from my father, who broke me in on a .30-30 when I was six years old. At fourteen he figured I was old enough to hunt alone, and gave me the run of his small but efficient and well-kept collection.

"Because of poor eyes I cannot shoot a rifle with iron sights in hot competition, but can keep up with shotgun or pistol. Was Individual Skeet Champion of New Hampshire for 1930, and have shot six 25's in that game.

"Have a collection of from seventy-five to one hundred rifles and pistols.—Never dared to make an inventory because then I'd realize the expense.

"Have lectured on gun collecting before quite a few service and sportsmen's clubs, and on these occasions always figure to put in a good stiff shot on anti-gun laws.

"High point in rifle shooting career was killing a running bear from a canoe, using three cartridges in a 30-S Remington."

LUCIUS E. BURCH, Jr., hails from Nashville, Tennessee, is a university student, and has this to say about himself: "I am at present twenty-two years of age and am a student in Vanderbilt University. I have been interested in shooting in all its phases since the age of eleven. I am much interested in handloading, and am indebted to Mr. Ross Calvert for this interest, as he has allowed me to be his protégé, and has initiated me into all the black mysteries of the moulds and scales. I

have done quite a bit of large and small-game shooting in this country and Alaska, and have shot small game in both France and England. I have also hunted chamois in the Pyrenees. I say 'hunted' advisedly, for I never saw one to shoot at."

### "Glory-Hunter, A Life of General Custer"

by Frederic F. Van de Water; Bobbs-Merrill, Indianapolis; \$3.75.

THIS splendid biography is History as it should be written; with every important statement of fact throughout annotated with foot-notes on its own page; with a complete bibliography of nearly one hundred sources, and an ideal index. We have had all too few similarly satisfactory and authoritative military works recently. Hoffman Nickerson's "Saratoga: The Turning-Point of the Revolution;" Howard Swiggett's "War Out of Niagara" and "Rebel Raider: The Life of John Morgan;" Rupert Hughes' "Washington," and Sir John Buchan's new "Oliver Cromwell," nearly comprising the list, to which Mr. Van de Water's first complete study of Custer's life—not only its last phases—is a worthy and stirring addition.

Its thorough scrutiny of George Armstrong Custer's dashing career from childhood to his death amid the horrors of the awful slope beside the "Greasy Grass" on June 25th 1876—a life of only thirty-seven years in all—was chivalrously withheld from publication until after the recent death of Mrs. Custer, formerly Elizabeth Bacon, of Monroe, Michigan, whom Custer married in 1864 and who survived him but two months less than fifty-seven years. To her he was ever the husband of the memories of her girlhood married life; her golden-haired soldier-hero in whose spirited conduct (to put it mildly) she could see no wrong ever since he, at twenty-two, swore off drink forever, nor ever broke his pledge.

His military conduct was repeatedly open to severe criticism, with low standing at West Point, repeated disregard for orders whenever a chance for a fight offered, his court-martial in 1867 on many charges, and its verdict of guilty; his detailed description of the death of a Confederate Officer whom he killed, and his wearing ever thereafter his victim's sword until it was discarded for the Rosebud campaign, and his frequent martinet severity with his men. (This last from him who had before been repeatedly found fault with for his "slovenliness"! ) Now that Mrs. Custer is no more, Mr. Van de Water has published this detailed and factual account that may well remain "the last word" of Custer's thrilling spirit from boyhood until Reno's embattled men on their own desperate hill heard the roar of battle that sounded his requiem, and saw the distant smoke that dropped its curtain

on the last frightful scene, from which no white survivor ever emerged.

There was undisputedly always something magical about his personality. McClellan, at their first meeting, in March, 1863, offered him—a second lieutenant—a place on his staff with the rank of captain, and in ninety days made him, at twenty-three, a brigadier-general.

It is all in these pages in greater detail and accuracy than ever told before by any writer. Of course the climax for every reader is the description of his last campaign, against undreamed-of numbers of furious savage warriors. This is narrated vividly, and probably more accurately than ever before, up to the mid-afternoon hour when, separating from Reno's force, Custer and his five troops "vanished in the dust-cloud that was the forerunner of eternal glory."

Mr. Van de Water has made but one minor error in his 370 thrilling pages: that of mistaking the "Lancaster" Government-contract rifles in the hands of many of the Indians, made at the Leman factory in Lancaster, Pa., for the British "Lancaster" rifles almost unknown in America then or today.—PAUL B. JENKINS.

## EAGLE-SHOOTING IN ALASKA

(Continued from page 15)

er's kit, the beat is none too good. A glass of about 7 X 50 is excellent, and 6 X 30 will serve well. The power must not be too high or the field too small, as most of the work with the glasses is done from a pitching boat. Clothes in Alaska, even in summer, must be of wool throughout. The only exception to this is a duck-hunting coat, which is useful for its pockets. This, however, may be dispensed with, as the Filson people make the same thing in a filled-wool cloth that is really excellent. The regulation footgear is gum boots, hip length. A good slicker is indispensable and should be of the Gloucester fisherman type. One should not forget that he must expect about one hundred and sixty inches of rain a year in Southeastern Alaska. A good hat is important, not only as a head covering, but also because a hat-brim is a necessary adjunct to a head veil, which is useful as a protection against the mosquitoes and no-see-ums.

A tent is not necessary because of the great numbers of Indian cabins that may be found in the numerous bays. These are used by the Indians in winter as trapping cabins and smokehouses, and are deserted in summer. It is therefore easy to camp in one of these and use it as a base for five or six days, and then move down the coast to another one when the country has been hunted out.

As previously indicated, all travel must be by boat. The boat must be small and

light enough to handle on the beaches and be easily propelled by a small motor, yet it must have stability and carrying capacity. The ideal rig, in my mind, is about a sixteen-foot cedar skiff with a three-horsepower outboard motor. A companion and I traveled about twelve hundred miles in such a rig with only one-and-a-half-horsepower, and had absolutely no trouble. I really prefer the small motor because of its greater gas economy, which is certainly an item when one is several hundred miles from a base of supply.

The only real danger in Alaska is found in trying to get over the larger stretches of water in too small a boat. One should hug the coasts, and when it is necessary to cross from one island to another, wait until ideal weather sets in; then hop, and hop quick.

Grub is not much of an item, as one can live off the country better in Alaska in the summer than anywhere else in the world. The streams are literally swarming with trout and salmon, and the bays are alive with king salmon and sea bass. The beaches are carpeted with edible grass, and the streams and tide flats are the stamping grounds of brown and black bear. Clams and crabs there are without number, and a great profusion of grouse and ptarmigan inhabit the timbered slopes and peaks.

It is not necessary to have either license or guide to shoot eagles. Deer and bear are protected against shooting for sport, but if one be a traveler, explorer, or prospector, and in actual need of meat, or is being molested in person or property, he may under the law shoot any game animal. The code of the North allows the taking of meat for food, but wastage is taboo. If one is reasonable he may shoot any game for food, but if he wastes or is unreasonable the hand of every honest man is against him, and the game-hog will almost surely find himself in a nice jail, where they will "throw the book at him," which in Alaskan parlance means "giving him the works."

The Alaskans are absolutely the most hospitable people in the world when treated like the gentle folk that they are, but Alaska is no place for the blackguard or the condescending dude. If one is content to stand on his own feet and judge the people for what they are, he will go far and be welcome on every hand. However, if he goes to Alaska with the idea that he is "hot stuff," and able to tell the residents a thing or two, then he will be better off at home.

This little treatise on eagle-shooting is by no means complete, and could not well be in such short space. Eagle-shooting is the most exacting and specialized form of rifle-shooting that remains, and volumes would be required to cover thor-

oughly the methods. But to those younger riflemen who would like to indulge to the fullest in the chosen avocation of long-range precision shooting, and yet feel the pinch of purse strings, eagle-hunting is the solution, for one can still pay expenses on eagle and occasional wolf bounties.

## TURKEY SHOTS AND OTHER DEVILTRY

(Continued from page 11)

at the firing-point, a marker for the deer, and a man in the pit.

The scorer stays at the firing-point, makes up a competing squad, lists it, and then calls through his megaphone to the marker that the first man is ready to fire. The marker pulls the deer in behind the starting screen, gets the pit man's O. K., calls back to the scorer "Deer Ready," and swan-dives into the pit. The scorer turns to the man on the firing-point, notes that he is holding his rifle in hunting position, butt below elbow, and upon learning that he is ready, raises a police whistle and tries to blow the ball out.

The deer comes out from behind the screen, makes the 20-yard run in 6 seconds, and goes out of sight behind the other screen. As it disappears the scorer blows the whistle again. Any shot after the whistle, or a bullet-hole through either screen, takes the highest-value hit off the score.

As the whistle blow, the marker climbs out of the pit, figures the total, megaphones it back, pastes the deer, and pulls it back to the starting position; whereupon the bombardment starts all over again.

This running-deer game is teaching us one thing: speed of fire, unless well aimed, does not mean a thing. The consistent winners have been well-trained riflemen who have been getting off two or three well-aimed shots, as against the boys who have been ripping frantic bursts of five out of the automatics.

We have kept no records that will give a correlation between a man's score on the running deer, his previous training, the sights on his rifle, and the type of action he uses. One or two facts stick out like sore thumbs, however: a low-velocity, open-sighted arm makes regular hits on the deer almost impossible. Men with automatic rifles as a rule make the lowest scores, because they think more about speed of fire than about accuracy. BUT, the toughest competitor to beat is a man, seasoned both at Camp Perry and in the hunting field, who is using a peep-sighted Remington auto, and is letting off his shots with metronome-like spacing. In other words, any modern, peep-sighted rifle is good for the running-deer target.

Perhaps we are too enthusiastic over this running-deer, but we figure this way

about our hunting rifles: if we cannot hit a wooden deer sliding along a rope at uniform speed, at known distance and in the open, we can never hit a live deer at an unknown range leaping madly through thick brush and over windfalls. And to many of us who consider ourselves pretty slick articles with a rifle, this simple wooden deer is a most fascinating, and at the same time disillusioning, proposition.

## EXPERIENCES OF A RELOADER

(Continued from page 9)

bullets, finally induced me to sell the rifle to an Indian who admired it. No doubt for his purpose it was entirely satisfactory.

The next rifle, my present one, was a Winchester Model 94, solid-frame round-barrel caliber .30-30, in new condition. The purchaser of the .32-40 did not want to buy it with the peep sight, so I kept that and have it mounted on this .30-30, with a Lyman ivory-bead front sight. This time I procured a new Ideal No. 3 tool with neck resizer for jacketed bullets, the neck resizer that I had used for the Krag proving to be just right for the .30-30 when using cast bullets. A friend loaned me a mould for the 115-grain .32-20 bullet, and these bullets were lubricated and then put through the sizing hole in the tool handles, and loaded ahead of 7 grains of No. 80, and made a very accurate short-range load. I used these cartridges several times this fall in squirrel hunting, and found them ideal.

Recently I purchased from an advertiser in the Arms Chest a Bond two-ball mould, for 120 and 150-grain bullets. The lighter bullet will be used in place of the 115-grain.

I believe users of No. 80 powder will find that in most cases the accuracy of their loads will be improved by slightly reducing the maximum charges recommended in the handbooks. For example, the charge indicated for this 150-grain cast bullet is 12 grains, but this load I found inaccurate, while a charge of 10 grains of No. 80 with the same bullet gives good accuracy at 50 and 100 yards in my rifle. I found the same to be true when using jacketed bullets.

A fascinating game, isn't it, this reloading? And not necessarily so expensive. This .30-30 Winchester that I am using now, together with the loading tool, was bought with money obtained from the sale of two other rifles, while the purchase of the Bond bullet mould was financed by selling an old relic revolver. My powder measure, an old one made by D. W. King, was obtained some years ago for \$2.00 from an advertiser in the Arms Chest. Sometimes the game has to be played singly, but more often one may find a kindred spirit, and a delightful friendship results.

## N. R. A. RIFLE CLUBS REPORT SPLENDID PROGRESS

**R**IFLE Clubs associated with the N. R. A. enjoyed a year of increased shooting activity plus better collections (of dues), according to reports from club secretaries now being received at National Headquarters.

As is always the case, there were some exceptions, but generally speaking the reports indicate results decidedly more encouraging than at any time since the era of Coolidge prosperity.

The following extracts from the letter report of Secretary Leonard Judd, Morris (Minn.) Rifle Club, are representative of annual club reports received to date. Extracts from other club reports of general interest will be published as space permits.

"Besides participating in numerous shoulder and postal events the club had two representative teams at the Minnesota State Rifle Matches held at Fort Snelling, September 1st, 2nd, 3rd, 1934.

"Last spring the club sponsored a Sportsman's Banquet which was attended by about 300 Sportsmen and guests. This banquet included a regular hunter's Mulligan Stew and the rest of the trimmings of a hunter's feed. We were fortunate in securing some wonderful out-of-town speakers and entertainers. We had on exhibit a large variety of firearms, both new and antique, sporting goods of all kinds, and a large display of mounted wild animals. This banquet served to educate the general public that the rifle club is interested not only in shooting but in conservation and the general well-being of the wild life of this section. The banquet was a real success and we are planning on having another this year.

"This fall the club sponsored a six weeks' free instruction course in 50-foot gallery shooting for both men and women and the results obtained were very good. As a result we have increased our membership to some extent. The new members that went through the instruction course are showing rapid progress, which proves that our efforts were well rewarded.

"Our Vice-President in charge of conservation has done some wonderful work along his line. We are sponsoring a new deer bill this year which we feel is very necessary in this state. The bill is drafted on the information received from a statewide report from deer-hunters of this state in the fall of 1933. The reports of this survey were very interesting and certainly show that we need changes in our big game laws in this state. We are pushing a conservation project in this county which will create one lake and two duck marshes along our Pomme de Terre River. This project has not been approved as yet, but we have reason to believe that it will be.

## Last Call for St. Petersburg Mid-Winter Shoot

**A**LL vacation roads lead south in February. Unlimber that rifle that wifey gave you at Christmas; there's no better place to try it out than the American Legion range in Saint Petersburg, Florida, during the National Mid-Winter Small-bore Rifle and Pistol Tournament which takes place from Feb. 9th to 12th, inclusive.

Florida sand in the shoes will bring back many of last year's contenders for rifle honors, to compete with other potential Daniel Boones who have already signified their intention of being present at the 1935 St. Petersburg tournament which promises to be Dixie's biggest and best rifle and pistol meet.

While St. Petersburg is a veritable paradise for riflemen, it also has everything else to offer to those who prefer other sports. Travelers who have sojourned in various winter resorts have remarked enthusiastically upon the variety of entertainment offered in this, the Nation's Playground.

The Sunshine City's numerous parks welcome daily, the crowds of friendly people who like to indulge in a game of bridge, checkers, chess, roque, shuffleboard, diamond-ball or horseshoe pitching.

There is dancing, nightly, at the Million-dollar Pier ballroom and at various other places. Swimming, fishing, boating, horseback riding or motoring is the order of

each day. The Pinellas peninsula boasts of three hundred odd miles of paved highways. No reason to harbor dull care, down south where everyone, both old and young, play.

Riflemen who bring their families may be assured that Mother and the girls will find plenty of entertainment. There are many sights to see while Dad is shooting. A trip to Silver Springs and a ride in the glass-bottom boats will be interesting or how about going to Sarasota to see Ringling Brothers circus in winter quarters; visit Bok tower and bird sanctuary at Lake Wales.

Four days may prove all too short to take in all you wish to see so stay and enjoy the sunshine and receive a free evening paper, each day that Old Sol fails to do his stuff.

Now more about the Mid-Winter "Shoot" for the old-timers who have been polishing up the old shooting irons in anticipation. There are 10 pistol and 14 rifle matches scheduled, over the four-day program, open to civilians, service men and peace-officers from many points of the United States.

So come on down and enjoy this Mid-Winter Outdoor Shoot in the Sunshine City. You are assured of a hearty welcome, plenty of good shooting and a corking good time.—T. F. BRIDGLAND.

### KANSAS CLUB HAS BUSY YEAR

**T**HE Manhattan (Kans.) Rifle & Pistol Club carried on a series of Postal Matches with the Gary (Ind.) Rifle Club, the Bell City Rifle Club, Racine (Wisc.) and the Westborough Rifle Club, Westborough (Mass.). In addition shoulder-to-shoulder matches were fired during the year with the Junction City (Kans.) Rifle Club and the Kansas State College Team, Manhattan (Kans.).

The Club also took part in State Small-Bore Championship Matches at Wichita, the State 30-Caliber Championship Match at Fort Riley, and sent a Vigilante Team to the State Vigilante Championship Matches at Hutchinson (Kans.).

The Club also held several bacon shoots and novelty shoots, as well as a Thanksgiving turkey shoot, all of which were very successful.

The members have been divided into three teams which hold a shoulder-to-shoulder match every week and more postal matches and qualifications are being planned.

### KEMPER READY FOR INDOOR MEET

**A** BULLETIN from Capt. L. V. Jones, A. P. M. S. & T., Kemper Military School, Booneville, Mo., states that everything is in readiness for the Annual Indoor Tournament to be held there Feb. 21-23.

The matches are open to college and school riflemen, both boys and girls, and are held annually at the Kemper School. Range facilities at the Booneville institution are ideal; in fact, the Kemper range is considered one of the finest indoor ranges in the United States.

Plans for the Kemper annual military ball at 8 p. m., Saturday, February 23d, are complete. The big dance has become an annual feature of the tournament, and serves as a fitting social climax to this collegiate-scholastic rifle tournament.

Winners of the various events will receive their awards during dance intermission at 10 o'clock. Presentation of the medals and trophies will be made by a representative of the National Rifle Association who will attend the meet.



## ANOTHER LUCK-TARGET IDEA

HERE is another idea that is particularly appropriate for turkey shoots. The target looks like a cross-word puzzle, but it is really quite simple. The square has ten lines of numbers running horizontal and vertical. At 50 feet the target looks like a black square, the numbers and lines being invisible.

1	3	5	9	1	3	5	9	1	3
5	9	1	3	5	9	1	3	5	9
1	3	5	9	1	3	5	9	1	3
5	9	1	3	5	9	1	3	5	9
1	3	5	9	1	3	5	9	1	3
5	9	1	3	5	9	1	3	5	9
1	3	5	9	1	3	5	9	1	3
5	9	1	3	5	9	1	3	5	9
1	3	5	9	1	3	5	9	1	3
5	9	1	3	5	9	1	3	5	9

Each shooter fires 3 shots. No use to take aim, all that is necessary is to point the gun and pull the trigger, your chance is just as good as the next fellow's. A shot cutting the cross lines counts for the total of all four squares, a bullet cutting the line between two squares is scored for the value of both squares. One additional shot is allowed to determine the winner in the event of a tie.

The target was recently used by the M. B. A. Rifle Club of Kansas City in one of their Luck events and the idea is passed along through courtesy of that club.

## A TIP ON SIGHTING-IN

A HINT on sighting-in is here told by Leavitt D. Waterman, secretary of the Waltham (Mass.) Rifle Club:

"Here's a little trick some may not know. It was figured out by our coach, Ernest Bengtson, and was proven by five of us before and after a match.

"Shooting prone at 75 feet, we wanted to sight in for 200 yards, but disliked the idea of so much snow on the ground. Bengtson knew his 200-yard sight setting and shot with that at 75 feet, sighting on a lower bull of a five-bull target. The result was a group of 9's and 10's at 12 o'clock on the upper bull. This proved true with three of us, the other two sighting in at 200 yards and then checking that setting on a 75-foot range.

"Simple; a 6 o'clock hold on a lower bull at 75 feet, elevate to strike group in 10-ring on upper bull, and there is your 200-yard sighting within a minute of elevation to correct."

# Cook County Club Shoot

THE Chicago outdoor small-bore season wound up with a bang on October 14, when, for the first time, a series of matches were fired for the Cook County Championship. La Grange Post No. 41 Rifle Club, La Grange, Ill., was host to 63 members of 18 clubs, their wives, families and friends. The extent of the interest was indicated by the presence of 150 spectators, many of whom remained until dark. The turnout of small-bore shooters was complete with 187 entries firing steadily from 9:30 a. m. until three hours after sunset. When the final scores were tallied Louie Schmiedl of the Austin R. C. had won the aggregate of the 50-, 100- and 200-yard any sight matches, which constituted the Cook County Championship. His score of 497 out of a possible 500 carried away the gold medal. Schmiedl's performance was doubly creditable inasmuch as he is employed at night and had come off duty at 7 a. m. with only time enough to collect his shooting kit and reach the range in time for the first match. He was due back on the job that night, a scant three hours after finishing his 200-yard string.

The 50-yard iron sight match was won by R. L. Sanders with a perfect score of 200. Earl Mercier of Joliet turned in a 199 for second place. In the 100-yard iron sight match Sanders and B. Wiles tied with 197 each, but Wiles won the shoot-off on the first shot.

The hot shots got down to business in the 50-yard any sight match. The first four men shot possibles and the tenth man scored 199. Ralph Izard, who had laid away his .30 caliber artillery for the day in order to join the small-bore gang, turned in a nice 14x possible to tie Brad Wiles but dropped out on the fifth shot of the shoot-off. In the 100-yard any sight match Schmiedl turned the tables, taking first honors with 199. Frank Barry of the Humboldt Club shot a 198 for second place.

The real fun came during the 200-yard match. The 21 entries had the unusual experience of starting and finishing a long-range match under darkness with the targets lighted by automobile headlights. First place went to Louie Schmiedl whose 98 x 100 with 6x's represented the best target. Brad Wiles and the old reliable Fred Johansen chalked up 98's for second and third places.

Between matches, the indoor range was crowded with men firing luck and novelty matches for cash prizes. Those of the rifle shooters who brought their handguns fired rim fire and center fire matches while awaiting their turn to go on the line.

P. W. Evans, recent winner of the N. R. A. Life Members Match, rounded up a representative group of revolver enthusiasts from the Chicago clubs.

The turnout of so many of the old standbys who have supported the small-bore sport in the Middle West through winter and summer was particularly gratifying. The Illinois State Rifle Association was capably represented by that staunch opponent of crank anti-gun laws, Aaron Eppstein and the retiring secretary, Sherwin Murphy.

No story of this match would be complete without mention of Russ Wiles' gunstock. Tales of this stock had drifted back from Perry but only those who had seen it could believe. His Vickers is dressed up with a genuine hand-carved yellow pine fence post, handsomely engraved in the best barroom manner with the initials of the mighty Virgil Richard, Frank Kahrs and the rest. The bedding of action and barrel is full floating, knee action with all modern improvements including hot and cold running water. The RIFLEMAN could do no better than to publish a photograph of this modern marvel of the gunsmith's art.

This was the first important invitation match sponsored by the La Grange Club and the members approached the ambitious undertaking with some misgivings. However, the officials and the range personnel had thoroughly memorized their duties in detail and a rehearsal had been held on the previous day. The friendly but strict enforcement of N. R. A. rules brought forth favorable comment from Sherwin Murphy and others experienced in running large matches. Not a single protest was filed with the executive officer. Because of the success of the undertaking, this match will be made an annual affair and the range will be enlarged to accommodate more adequately the large number of shooters which the Chicago area can turn out.—J. L. ALDEN, Secretary.

## NEW DEALER DIRECTORY READY

THE 1935 Edition of *The Sporting Goods Dealer's Trade Directory*, the handy buyer's guide of the sporting goods trade, has just been published. It contains an index of 2609 products used in sports, and lists 2041 firms who handle sporting goods equipment. Additional information on this new *Dealer's Trade Directory* can be obtained from the publishers, The Sporting Goods Dealer, St. Louis, Mo.

## THE AMERICAN RIFLEMAN

# Guns vs. Bandits

## Gangsters Suspected in Firearms Theft

Theft of a dozen shotguns and rifles stolen from the show windows of three downtown Washington, D. C., sporting goods stores, during the Christmas holidays, caused speculation among capital police officials as to whether the robberies might have been perpetrated by gangsters seeking to replenish diminishing stocks of firearms. Stores looted included the Atlas Sporting Goods Store, and two Army and Navy Trading Companies.

Columbus, Ohio, papers recently reported a similar theft from a local National Guard Armory. The Columbus loot, valued at \$229.00, included eight revolvers.

## Treasury Secretary Believes in Preparedness

Secretary of the Treasury Henry Morgenthau, Jr., has ordered that all treasury department employees, except clerks and stenographers, must be provided with side arms and become proficient in their use. Capt. L. J. Gillman, assistant custodian of the courthouse, and Lieut. Samuel Gray of Coast Guard Headquarters were appointed firearms instructors. Certificates of proficiency are to be issued.

## Negro Killed in "Rehearsed" Hold-Up

For months W. L. Nichols, Atlanta, Ga., and his wife had practiced what to do in case of a hold-up. When two bandits entered their store, Mrs. Nichols, in accordance with often rehearsed tactics, dropped to the floor, while her husband killed one of the men and routed the other. Both robbers were negroes. The dead man could not be identified.

## Three Captured in Road House Raid

An attempted hold-up was frustrated and three bandits were captured by Carl E. Thompson, owner of a road house near Mankato, Minn., on the night of December 27th.

Brandishing revolvers immediately after entering the road house, the men demanded Thompson and his wife to "stick 'em up." Mrs. Thompson complied, but the road house owner darted for a back door and ran upstairs to get his shotgun. Firing from an upstairs window he wounded two of the trio after which the third surrendered. The three men were disarmed and turned over to the county sheriff. Both wounded bandits will recover.

## Police Chief Gets His Man

When J. L. Morris, Chief of Police at Astell, Ga., was knocked down by two bandits whom he surprised trying to enter a bank from an adjoining store, he came up shooting, and killed one of his attackers. The dead man was identified as Jerry B. Munsey, of Lenoir City, Tenn. Chief Morris, who used a target revolver, said that he learned to "shoot quick" in France.

## Ex-Cowboy Too Tough for Bandits

Daniel Kehoe, ex-cow puncher, who learned to handle guns on the plains, now operating a roadstand in New Jersey, proved to be the Nemesis of three armed and masked bandits who held him up just prior to the Christmas holidays.

Suddenly Kehoe made a dive for the largest of the three and the two went down. Afraid to shoot, two of the bandits stepped back while their companion struggled to his feet. Kehoe, however, was not beaten. He quickly crawled behind the bar and came up with a gun in his hand. Faced with a dose of their own medicine the bandits fled in panic and escaped in a waiting car.

## Hold-Up Fatal to Youthful Thugs

Franklin D. Windle, 31, owner of a San Francisco service station, has always said that he would "shoot it out with any bandit any time." Unfortunately for them, the two youthful bandits who held up Windle last month either did not know about his attitude or thought Windle was boasting. The Service Station owner responded to the command to "stick 'em up," by drawing his own gun. Both bandits dropped, one dead, the other mortally wounded. "I never fired a gun so fast in all my life," Windle told police.

## Californians Capture and "Flog" Bandit

Charles Linhart, Oakland, Calif., tailor, was in the rear of his son's grocery store when he heard a strange voice: "Hands up and give me all your money." He walked into the store to find a bandit facing his son. The old man ducked behind the counter, grabbed a revolver and came up shooting. The bandit ran, but was overtaken and captured after receiving at the hands of the Linharts, what is politely known as a thorough "going over."

## Befriended Thief Is Later Killed

Edwin Busch, 32, entered the Chicago tavern of John Consigliari Christmas day and asked for a meal. It was Christmas so Consigliari locked the tavern and took Busch to a restaurant, where he ordered a hearty lunch. As he left Consigliari pressed a bill into Busch's hand and wished him a merry Christmas. Then he visited friends. Two hours later Consigliari returned to his tavern and found Busch rifling the cash drawer. He shot and killed him.—(Chicago U. P. Dispatch.)

## Ranger Brings Down Bank Bandit

The crime career of an unidentified man who held up the Sioux National Bank of Harrison, Nebr., was ended on Christmas Day by a rancher's bullet. The man, fleeing on foot after his automobile went over an embankment, was brought down by Albert Moody, rancher and a member of a hastily organized posse of business men and ranchers. The entire loot of \$685.00 was found on the dead man.

## Vigilante Club Members Prove Worth

James Kain and Russell Moore, both of Akron, the latter a deserter from the U. S. Army, were shot by Vigilantes when the pair attempted to hold up a tavern near LeMars, Iowa. Kain, who was fatally wounded, died on Christmas Day. Moore (alias Rodgers) is still in a hospital but will recover. The Vigilantes, all members of the LeMars Rifle Club, opened fire from across the street when the robbers, attempting to make their escape, failed to comply with the command to halt.

## Idealists Help Gangsters

"Although our idealists seem to think they are doing a great thing when they introduce anti-firearms legislation, they are in fact putting us at the mercy of the criminal. They are doing a great thing—for the gangster. . . . It is high time that the leaders of these United States were made to realize that crime cannot be curbed by telling gangsters that they may not carry guns, and that the only way to curb crime is to arm the population of the country to such an extent that much crime will be left uncommitted because the criminal is afraid to unduly risk his own neck."—Elizabethowa (Pa.) Chronicle.

## Would-Be Suicide "Beats" Sullivan Law

A technicality in the Sullivan Anti-gun Law enabled a would-be suicide to escape legal punishment after two bullets fired through his head failed to kill the man.

It all came about when Leo Schild, New York City resident, was haled before court on a charge of illegal possession of firearms. There was no doubt about Mr. Schild's guilt, for he had gone, more than a month ago to a cemetery, where his wife lay buried and there had fired two shots into his head, in an unsuccessful endeavor to commit suicide.

Schild's counsel argued that the gun was found on the grave, a quarter mile from where the wounded man was found. The court then ruled that despite the very strong "circumstantial evidence," so much distance extended between Schild and the pistol that he could hardly be guilty of "possessing firearms."

## Intruder Fatally Wounded by Woman

Mrs. C. E. Zuspan, Fairmont, W. Va., housewife, keeps a .32 revolver in her home for self protection. She had occasion to use it on the night of December 15th when an intruder tried to gain entrance to her home. Hearing a rattling of the door-knob, Mrs. Zuspan called but got no response. The intruder continued his attack on the door, threatening to break it down if not admitted. Mrs. Zuspan then fired, intending to frighten him away, but the bullet struck the intruder—Kenneth E. Hall—in the chest and hospital attendants said he had very little chance for recovery.

## CHICAGO CITIZENS AGAIN HAVE LARGE HONOR ROLL

FOR the second successive year 45 per cent of the criminals killed in Chicago were slain by private watchmen and citizens of that city, while 55 per cent were accounted for by policemen.

The twenty-five citizens listed below met fire with fire when burglars attempted to hold them up on the street or in their places of business. Twenty-four would-be bandits were killed. The Chicago "Honor Roll" of citizens follows:

William Horne.  
Harry I. Starr, druggist.  
Albert De Witt, gas station proprietor.  
Henry Chatt, grocer.  
Sylvester Lackowski.  
Oliver Filmore.  
Moy Wing Hong, Chinese laundryman.  
Victor Gustafson, gas station proprietor.  
Frank Mustafa, candy store proprietor.  
Mrs. Frank Mustafa, wife of above.  
Roy Hallacher, gas station attendant.  
Arthur Steuben, barber shop customer.  
Louis Casey, tavern owner.  
Alex Spiros, café chef.  
Robert Snoddy.  
Odieas Mellios.  
Herman Gerken, druggist.  
Lawrence Weise, druggist.  
Gust Zuman, valet shop proprietor.  
Victor Pagni, tavern owner.  
Tony Fanelli.  
Joseph Blalock, watchman.  
Neil McIntyre, watchman.  
David Eversole, watchman.  
Chapley King, watchman.

## OFFICIAL BULLETINS—N. R. A. FALL POSTAL MATCHES

Bulletin No. 2

### FALL INDIVIDUAL SHORT-RANGE MATCH

(81 Entries)

**Conditions:** Twenty shots at 50 yards and twenty shots at 100 yards. Any sights. To the winner a 10-K gold medal; second, a silver medal; third to tenth, bronze medals.

1. Chas. G. Hamby, Atlanta, Ga.....	400-26X
2. Benj. S. Harrison, Sandwich, Mass.....	399
3. Carl Beringer, Neenah, Wis.....	399
4. Paul St. Jean, Yonkers, N. Y.....	399
5. Henry Glowacki, Nanticoke, Pa.....	399
6. H. E. Taylor, Chicago, Ill.....	399
7. Melvin Heins, Los Angeles, Calif.....	399
8. A. K. Freidrich, Solon, Iowa.....	399
9. W. Montgomery, Avinger, Texas.....	398
10. Victor Massie, Los Angeles, Calif.....	398

*Note: Score of 400-36X reported by J. A. Strouse, Jackson, Ohio, was disregarded because of his failure to shoot substantiating scores.*

Bulletin No. 3

### FALL SMALL-BORE WIMBLEDON MATCH

(49 Entries)

**Conditions:** Twenty shots at 200 yards. Any sights. To the winner a gold-filled medal; second, a silver medal; third to seventh, bronze medals.

1. Paul J. St. Jean, Yonkers, N. Y.....	199
2. Henry Glowacki, Nanticoke, Pa.....	199
3. John Scrimgeour, Pittston, Pa.....	199
4. H. E. Taylor, Chicago, Ill.....	199
5. Victor Massie, Los Angeles, Calif.....	197
6. L. A. Hess, Fairmont, W. Va.....	197
7. C. N. Strait, Canandaigua, N. Y.....	197

*Note: Score of 200 reported by Charles C. Johnson, Thackery, Ohio, was disregarded because of his failure to shoot substantiating scores.*

Bulletin No. 4

### FALL INDIVIDUAL CHAMPIONSHIP MATCH

(24 Entries)

**Conditions:** The aggregate of the scores made in the Fall Individual Short-Range Match and the Fall Small-Bore Wimbledon Match will constitute the total score for this event. To the winner a gold-filled medal; second, a silver medal; third to fifth, bronze medals.

	Short Range	Wimbledon	Total
1. Paul J. St. Jean, Yonkers, N. Y.....	399	199	598
2. M. M. Heins, Los Angeles, Calif....	399	195	594
3. Wm. J. Keller, Southbridge, Mass....	397	195	592
4. L. A. Hess, Fairmont, W. Va....	394	197	591
5. M. R. M. Gwilliam, Bloomfield, N. J....	397	194	591

*Note: Score of 596 reported by Charles C. Johnson, Thackery, Ohio, was disregarded because of his failure to shoot substantiating scores in the Fall Small-Bore Wimbledon Match.*

### FALL INDIVIDUAL SLOW-FIRE PISTOL MATCH—CORRECTED

1. Wm. Shauger, Jr., Franklin, N. J.....	192
2. Nick Lehen, Medford, Wis.....	189
3. Robert Dunbar, Grosse Pointe, Mich.....	185
4. Edward Culkin, Brighton, Mass.....	180
5. D. A. Thimmesch, Dubuque, Iowa.....	179

*Note: Score of 192 reported by Chas. Robideau, Hartford, Conn., was disregarded because of his failure to fire substantiating scores. Therefore, original Bulletin No. 11, published last month, is corrected as above.*

# Recently Proposed Firearms Legislation

## Massachusetts

House Bill No. 162, by Mr. Dorgan:

This bill imposes a minimum penalty of two years in jail for carrying a pistol or revolver without a permit. We feel that this bill is vicious and should be killed. There are communities in Massachusetts where because of a whim of the permit-issuing authorities it is practically impossible for an honest man to secure a permit. Massachusetts is to a considerable extent a tourist state and under the Massachusetts Law it is not possible for a non-resident to obtain a pistol permit. If this law is enacted, the courts will have no chance to administer real justice in cases of the type described. Honest citizens who have been refused permits by local authorities, and honest tourists carrying guns for protection while motoring, would alike be subject to penalty of two years in jail without discretion on the part of the judge.

This law should be killed. Not only shooters, but all right thinking citizens as well should be aroused to fight this type of legislation. Immediate contact should be established by letter, telegram or personal conversation with State Representatives and Senators from your district, expressing your opposition to this bill, and the reasons for such opposition. There is ample authority in the existing law to put real criminals in jail for gun-carrying. House Bill No. 162 attempts to take from the judges of the state the power to administer the firearms law intelligently.

## Oklahoma

House Bill No. 30, by Mr. Huey.

This is a bill regulating the licensing, purchase, sale and possession of firearms. Definite information relative to this bill is not available now, but will be passed along to Oklahoma members when received.

## Indiana

House Bill No. 50, by Mr. Coers.

This bill would amend the present Act along the lines of the notorious Sullivan Law. To own, carry or possess a pistol or revolver without a permit would be a felony, punishable by imprisonment for not less than one year. A fee of \$10.00 would be charged for the necessary permit—if obtained. Dealers would pay a license fee of \$100.00 per year.

This bill is vicious, unreasonable and unnecessary. It must be killed. Indiana members should contact their state representatives immediately.

UP TO the date of going to press, January 10th, the following bills affecting the possession and use of firearms have been introduced in the various Legislatures.

## U. S. Congress

### Senate Bill No. 3:

Introduced By Senators Copeland, Vandenberg and Murphy (Senate Racketeering Committee). A bill requiring all manufacturers and dealers shipping or receiving firearms in interstate commerce to register with the Secretary of Commerce and to pay a nominal registration fee for a permanent license which will remain in effect during the good behavior of the licensee. The bill prohibits the interstate transportation of stolen firearms and firearms from which serial numbers have been removed. It prohibits the interstate transportation of firearms by criminals and fugitives from justice.

This bill was drafted after exhaustive hearings by the Senate Racketeering Committee and is a thoroughly sensible piece of legislation and one which should be very helpful in discouraging the use of firearms by criminals. All members are urged to communicate immediately with their United States Congressmen and Senators urging them to support this bill.

## Kansas

House Bill No. 14, by Mr. Buzick, and Senate Bill No. 24, by Mr. McDonald:

These bills are identical. They would make it a felony for ex-convicts to carry any firearms without a permit. This is the type of legislation which the sportsmen of this country can approve. Passage of this bill in Kansas should be recommended to the state legislators.

### Senate Bill No. 37, by Mr. Rust:

This bill would prohibit the use of firearms on Sunday. The advisability of adopting such legislation of course depends on the attitude of the people of the state with respect to what constitutes proper observation of Sunday. The National Rifle Association must leave the decision of such matters to its members in each state. Shooters who feel that the passage of this law will interfere with civilian rifle club activities in the state of Kansas should immediately contact their State Representatives and Senators at Topeka, registering their opposition. Members who approve the proposed law should of course act accordingly.



# Educational Program Criticized Following Michigan Prison Break

(From the Detroit Free Press)

THE workings of Michigan State Prison's industrial and educational program have been exposed with startling results in the investigation of the recent escape of two life-term murderers, both of whom have been recaptured.

Steven Kalemán, one of the escapees, had fashioned a rope from prison-made binder twine, and carried it about the prison in his violin case, while wardens thought he was on his way to take music lessons. He had also filched tools from prison workshops to fashion a home-made but efficient gun.

Cartridges made from prison materials scored a bullethead at 20 feet in tests made by Gray, an inspector and son of the warden.

Kalemán also had fashioned metal bars and threaded them to fit over bolt ends of an "air shaft ladder" by which Kalemán and John Schultz, his confederate, ascended from the basement to the roof, whence they dropped to the ground over the wall on the rope ladder. All these

things were made inside the prison walls, according to Warden Peter F. Gray, who believes that the plot anticipated the release of scores of prisoners, but miscarried because Kalemán feared early exposure and attempted his getaway in advance of the scheduled time for a wholesale exodus.

Coincident with the exposure of Kalemán's preparations, Warden Gray discovered that a number of toy pistols had been sent inside the prison walls by charitable institutions, to be reconditioned by prison labor and given to children in needy families as Christmas gifts; also that plans for the manufacture of short-wave radio sending and receiving sets had reached such a development in the prison school that at least one complete set was ready for use.

Gray ordered the toy guns confiscated, fearing a possible repetition of the Dillinger "wooden-gun" escape; and halted the radio manufacture, lest inmates communicate with confederates outside the prison walls in a possible escape plot.

## "PROOF TESTS AND PROOF MARKS"

By LIEUTENANT COLONEL CALVIN GODDARD

THIS is a monograph of twenty-eight pages, made up of reprints of a series of articles published in Army Ordnance. It illustrates more than 250 ancient and modern proof marks, gives a history of the development of proof testing and describes the processes and conditions of acceptance in England, on the continent and in the United States. It describes the proof marks used by the various American manufacturers as well as those used at the United States Government armories at Springfield, Harpers Ferry and Rock Island, from 1799 to 1934.

This monograph is a practically indispensable item for the arms collector and for those officers of the law who conduct criminal ballistic laboratories for their departments. It is naturally also invaluable to that small group of civilians who serve in an advisory capacity to their local police and courts of justice in the effort to identify arms used in criminal activities.

This monograph is a scientific treatise representing hundreds of hours of research and careful draftsmanship, and it is priced accordingly. The price of three dollars is, however, a very small fraction of its real worth to those engaged in collecting and police work. It is published by the Arms Service Bureau, 469 E. Ohio Street, Chicago.

## EASTERN FIREARM COLLECTORS' ANNUAL MEETING

ENTHUSIASTIC collectors from a number of Eastern states gathered at the Cayuga Gun Club, Ithaca, N. Y., on October 14th last for an all-day display and discussion of the firearm collectors' craft.

Kentucky rifles by the score, engraved and dated powder-horns, all makes of flintlock, percussion and cartridge pistols and revolvers, and many other rare and fine specimens of the gunmakers' art were brought to the club house by the members.

Some tried their skill at firing with muzzle-loading rifles, revolvers and shotguns. Sales and trades were arranged among the members. A very interesting and instructive day passed quickly, and in the evening motion pictures of fish and game were shown. The club house was crowded to capacity.

At the business session, the following members were chosen to guide the Association's activities throughout the year:

President, Howard V. Rulison, Syracuse, N. Y. Vice Presidents, James E. Serven, Wodstock, N. Y.; Dr. L. R. Brady, Binghamton, N. Y.; J. D. Laidacker, Shickshinny, Pa.; Roy Vail, Warwick, N. Y. Secy. and Treas., J. A. Lunn, 318 Utica, St., Ithaca, N. Y.

Membership is limited to collectors in Eastern and New England states. The fee is \$1.00.

## COMING EVENTS

National Mid-winter Small-Bore and Pistol Tournament, St. Petersburg, Florida, will be held February 9th to 12th, inclusive. See announcement elsewhere in this issue. Programs available at this time. Address: T. F. Bridgeland, President, Florida State Rifle Association, St. Petersburg, Fla.

The Tenth Annual Gallery Rifle and Pistol Matches will be conducted by the Ohio Rifle and Pistol Association in the drill hall at Fort Hayes, Columbus, Ohio, on February 22, 23, and 24. The program includes the 14th Columbus Dispatch Match, the Tewes plaque prone match, the Mid-West and Ohio championships, the Mid-West metallic sight championship, the tenth Ohio-Ontario match, the fifth Ohio-Connecticut match, a Junior match, a Senior match, a Women's match, a Railway Employees' match, and others.

The Fourth Annual Ohio Team Matches will be conducted by the Ohio Rifle and Pistol Association in the drill hall at Fort Hayes, Columbus, Ohio, on April 6 and 7. These matches include the League Champions match for the Governor's Trophy, the Ohio Team Championship for the National Guard Trophy, a club team match, a Reserve Officers' match, the Third Buckeye-Empire match, and others.

The Annual Great Lakes Postal Matches, including individual, two-man, and five-man team events, will again be conducted by Ladysmith (Wisc.) Rifle Club. Mail entries before February 15 to A. Dahlstrom, Secretary, Ladysmith Rifle Club, Ladysmith, Wisc.

Conn. State Rifle and Revolver Ass'n Program: Gussman match February 23rd and 24th.

Illinois State Rifle Association's indoor program for February includes the Individual Free Rifle Standing Championship (fired at 75 feet) during the week beginning the 25th. Course of fire: Twenty shots, any sights; palm rests, set triggers and special butt plates permitted. For full details address: Raymond Hilton, secretary, 1716 Walnut St., Wilmette, Ill.

The Metropolitan Rifle League's thirteenth annual indoor championship matches will be shot in the armory of the 27th division, Q.M.C., at 355 Marcy Ave., Brooklyn, N. Y., on the following dates: The 15-Target Preliminary Match will be shot on Sunday, February 10th; the Two-Man and Four-Man Team Matches on Sunday, February 17th; and the Indoor Championship on Sunday, February 24, 1935. All matches will be shot at 100 yards, indoors. The Off-Shoulder Championship, 50 shots at 50 meters, will be held at the Swiss Hall in Union City, N. J., Sunday, April 28th. For further information and programs write Edward Smelter, Exec. Sec., 3 Agate Ave., Ossining, N. Y.

## CHALLENGES

Escanaba (Mich.) Rifle Club challenges any club in the U. S. to a postal shoot, five-man team, ten shots, 4 positions, iron sights—50 or 75 feet. Our average is about 1900 x 2000. Address Mr. Lester Johnson, Sec'y, 2400 Ludington St., Escanaba, Mich.

The Mason-Dixon Rifle Club desires postal matches, 50 ft., iron sights, .22 caliber, prone, offhand (and sitting if desired). Ten to shoot, five high to count. Either scores or targets to be exchanged. Write W. F. Ludwig, Sec'y., 163 Kirk St., Morgantown, W. Va.

## NORRISTOWN CLUB PUBLISHES BOOKLET ON ITS HISTORY

**T**HROUGH courtesy of Mr. Harry E. Stone, President, Norristown (Pa.) Rifle Club, we recently received an attractive little booklet entitled "History of the Norristown Rifle Club." The booklet is pocket size, measuring 4" x 6½", and is bound in a two-tone imitation leather cover. As the title suggests, the book traces the history of this live-wire club which has shown a healthy growth since its organization back in 1926. A list of the club officers and individual members is included, as are by-laws of the organization.

Aside from the advertising value from distribution of the book, publication of the names of paid up members was a real help in collecting dues.

Cost of the Norristown booklet was more than offset by paid advertisements which the club was able to sell. The advertising, in fact, was over-subscribed with the result that a nice profit on the book reverted to the club treasury.

Mr. Stone states that a few of the books are still available for sale to club members at 15 cents per copy. Other clubs interested in this venture would do well to write the Norristown club president. The address is H. E. Stone, West Norristown, Pa.

## Henry D. Block

**W**ITH profound regret we learn of the sudden passing on Thanksgiving Day of Henry D. Block, Secy.-Treas. of the Jersey City Rifle Club. Death was due to pneumonia.

Mr. Block was a life member of the N.R.A. He was the organizer of the Jersey City R. C., as well as the Monticello R. C., both of which organizations were close to his heart. Shooting was his hobby and he gave all of his spare time to promotion of the game. No man enjoyed his hobby more than Henry Block. Few have ever given to the shooting game more generously of their time and money.

## NOTICE OF STOLEN RIFLES

The following rifles were stolen from H. L. Basdell, Ventura, Calif., on December 25, 1934:

One Springfield Sporter No. 1357311.

One National Match Rifle No. 1401910.

Mr. Basdell offers a reward for the recovery of the rifles. His address is P. O. Box 948, Ventura, Calif.

The following guns were stolen from J. A. Lowery, Larned, Kans., January 4th, 1935:

One Marlin 38-55 Model 93, octogan barrel No. 164669.

1 Model 90 Winchester 22 short No. 777752.

Information leading to recovery of these guns should be reported to Mr. Lowery or C. C. Chase, Larned Chief of Police.

## NEW CLUBS CHARTERED

**Opportunity Gun Club,**  
Mr. Ralph R. Cooke, Sec'y.,  
Opportunity, Washington.

**Bowdoin College Rifle Club,**  
Mr. Paul G. Favour, Jr., Sec'y.,  
Beta Theta Pi House, c/o College,  
Brunswick, Maine.

**Liberty Rifle and Pistol Club,**  
Mr. Kermit Kaspari, Secretary,  
Enderlin, North Dakota.

**Arlington Rifle and Revolver Patrol,**  
Mr. C. F. Boutillier, Sec'y.,  
252 Mass. Ave.,  
Arlington, Mass.

**Preston Rifle Club,**  
Mr. E. C. Anderson, Sec'y.,  
Preston, Idaho.

**Yakima Rifle Club,**  
Mr. S. A. Congdon, Sec'y.,  
207 So. 12th Ave.,  
Yakima, Washington.

**N. Y. Central Ry. Rifle Club,**  
Mr. N. C. Dubrau, Sec'y.,  
3402 W. 98th St.,  
Cleveland, Ohio.

**Hoosier Rifle and Pistol Club,**  
Mr. Hugh H. Hanna, Sec'y.,  
1735 N. Penna St.,  
Indianapolis, Indiana.

**Oshkosh Rifle and Pistol Club,**  
Mr. Carl Henry Kieckhafer, Sec'y.,  
400 Waugoo St.,  
Oshkosh, Wisconsin.

**Holland Rifle Club,**  
Mr. Alex Barnum, Sec'y.,  
382 Pine Ave.,  
Holland, Michigan.

**Braintree Rifle and Pistol Club, Inc.,**  
Mr. Malcolm F. Partridge, Sec'y.,  
5 Hillside Rd.,  
E. Weymouth, Mass.

**Osborn Rifle and Pistol Club,**  
Mr. Carl Graham, Sec'y.,  
Osborn, Ohio.

**Cedar Valley Pistol and Rev. Club,**  
Mr. Herbert B. Jork,  
Austin, Minn.

**Skamania County Rifle and Pistol,**  
Mr. Paul D. Ratliff, Sec'y.,  
Stevenson, Washington.

**Enderlin Rifle and Pistol Club,**  
Mr. Richard A. Francis,  
Enderlin, North Dakota.

**Petersburg Rifle Club,**  
Mr. L. C. Wade, Jr., Sec'y.,  
Hotel Petersburg,  
Petersburg, Virginia.

**Y. M. C. A. Rifle and Rev. Club,**  
Mr. M. O. Weiby, Sec'y.,  
5141 Sheridan Ave. S.,  
Minneapolis, Minn.

**Electric Post No. 769 Rifle Club,**  
Mr. S. J. Williams, Sec'y.,  
7526 East End Ave.,  
Chicago, Illinois.

**Erie Chapter Order of Demoley,**  
Mr. Howard Moomey, Sec'y.,  
2826 German St.,  
Erie, Pennsylvania.

**Troop Two Sharpshooters,**  
Mr. H. L. Fritts, Instructor,  
311 Hillcrest Ave.,  
Wood-Ridge, N. J.

**Manchester Dist. B. S. Rifle Club,**  
Major L. H. Bixby, Instructor,  
F. A. J. S. Army, Hq. 97th Div.,  
Manchester, N. H.

**Comrade Rifle Club,**  
Mr. J. R. Crocker, Instructor,  
Clayton, Kansas.

**Mount Pleasant Junior Rifle Club,**  
Mr. Harry G. Borah, Instructor,  
984 Murray,  
San Luis Obispo, California.

**John Burroughs Rifle Club,**  
Dr. C. K. Sibley, Instructor,  
910 Bernice,  
Kirkwood, Missouri.

**Harvey Post Junior Rifle Club,**  
Mr. J. J. Lawless, Instructor,  
26 N. Washington,  
Ventnor City, New Jersey.

**The Bayside Boys Brigade,**  
Mr. Wm. H. Robbs, Instructor,  
210-12 Crocheron Ave.,  
Bayside, New York.

**Elk Grove Marksmanship Club,**  
Mr. A. D. Gage, Instructor,  
Elk Grove, California.

**Waterloo High School Rifle Club,**  
Mr. Claude C. Dextator, Instructor,  
Waterloo High School,  
Waterloo, New York.

## CLUB NOTES

Eleven Connecticut Rifle Leagues, including a women's league are shooting a regular schedule of matches arranged by the Connecticut State Rifle Association. E. E. Cook, Meriden, Conn., is Secretary of this "shooting minded" state-wide organization.

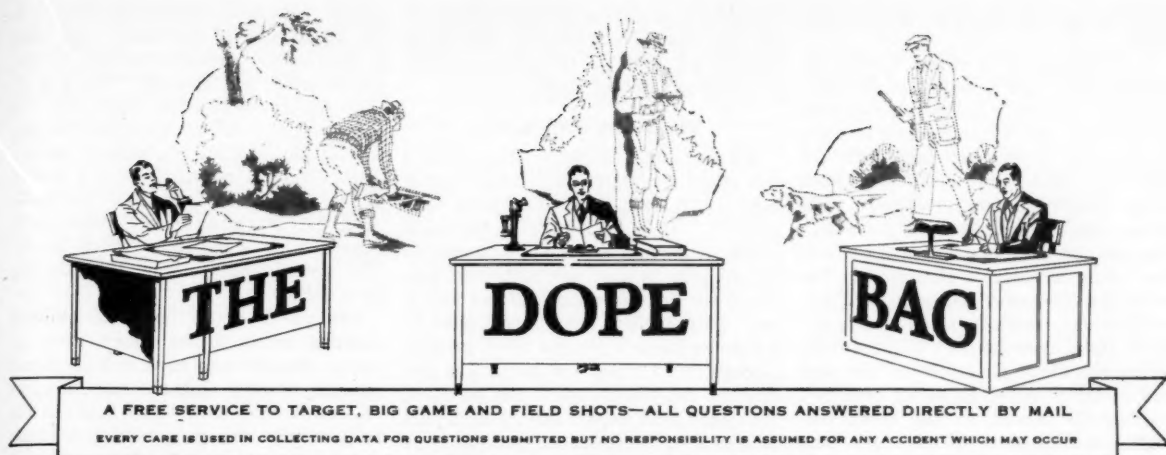
In a thrilling match between the Battle Force U. S. Fleet and the Olympic Club of San Francisco, fired at Fort Barry, December 16th, the Olympic Club nosed out the Middies by a two-point margin; scores being 819 to 817. The second automatic pistol team match fired the day previously, at Fort Funston, was won by the USS Nevada team with a score of 1,210. USS New Mexico team scored 1,198 to finish second while the Olympic Club with 1,193 finished third.

The Cornell (Wis.) Rifle & Pistol Club was defeated in its first match with the Christiana (Wis.) Rifle Club. Five-man teams fired 10-shots prone and 10-shots free rifle standing. The Scores: Christiana 874, Cornell 727.

Hyde Park (Chicago, Ill.) Rifle Club closed its fall indoor season with a victory over La Grange (Ill.), scores being 987 to 883. The match was a four position five-man team event, fired on December 22nd.

In the Wilmington Yuletide Turkey Shoot sponsored by the Wilmington (Del.) Rifle Club, six turkeys were awarded as follows: Samuel D. Kirk, Capt. J. B. Grier, W. L. Cann, C. S. Landis (2), and J. L. Malone.

## THE AMERICAN RIFLEMAN



Conducted by F. C. Ness

#### HANDGUN NOTES

**E**VERY rifleman knows the value of a trigger that allows a uniformly smooth pull and that trips with a clean crisp let-off which has been likened to the breaking of a small glass rod. In the case of the revolver or pistol, held unsupported but by the one hand, a perfect pull is even more important. The ideal pistol-trigger arrangement is one which permits perfect control and avoids communication of the finger movement to the gun.

As the pull is applied it builds up a force from zero to one which averages about  $3\frac{1}{2}$  pounds. This force is suddenly released when the sear releases the hammer, and a juggling feat is required to again reduce it to nothing without disturbing the alignment of the sights.

#### Trigger Stops

Some shooters put a screw in the rear trigger-guard as a stop. This screw is then adjusted so that it stops the rearward motion of the trigger and finger exactly at the let-off instant. This provision might help to modify let-off jars when the gun is fairly heavy and the pull is comparatively light, but long. It also may work well on lighter guns when the pull is very smooth and the movement of the finger happens to be in a direction which does not tend to move the muzzle down or to either side. Otherwise the stop screw merely shortens the finger motion without stopping communication to the gun of the subsequent disturbance imparted by the weight of let-off. A short pull, as in the Camp Perry pistol or the S. A. Sportsman revolver, accomplishes much the same thing, and the speed lock of the U. S. R. A.-Model pistol does more to defeat this inadvertent disturbance than does any stop screw.

A speed lock with its quick hammer fall, a heavy gun with its greater inertia

and a short let-off with its curtailed motion all help to modify the disturbing effect of the let-off force. Recent heavy-model revolvers and the latest target pistols with short hammer-fall and short trigger-pull are least effected. Of course, heavy foreign Free-pistols with their light set-trigger are immune, and, likewise, they fail to qualify under the rules of our pistol matches. On the other end of the scale we have short, light guns which with imperfect pulls are particularly susceptible to let-off jars. Examples are the  $4\frac{1}{2}$ -inch Woodsman and the 2-inch New Defender.

On these easily deflected arms the stop screw is not very effective. However, there is available a special tension-spring device which can be installed in the Woodsman pistol and H. & R. revolvers to exactly pick up the let-off load and reduce it to nothing without communicating the finger-slap to the gun. I am referring to the Berdon trigger mechanism made and installed by its inventor at Yellow Springs, Ohio.

My own Colt Woodsman thus equipped now has an excellent pull and let-off as good as any target pistol. As now adjusted the weight of pull is  $3\frac{3}{4}$  pounds. With the trigger grooved and the top of the right stock dressed down flush with the frame I now have no trouble in reaching its curved trigger for proper control. The first time he tried it, "Bill" Diers shot a 90 with it on the S. A. 25-yard target in nine seconds per string. That was 15 points up for him and he gave the excellent trigger credit.

#### Let The Makers Do It

The very best place to have a trigger pull improved is at the factory. I have doctored a number of them with good results but when my luck and patience failed I spoiled a few too. Sometimes luck favors

the amateur trigger-doctor. Jack Webster, the air-mail pilot, wanted a heavier but smoother pull in his S. A. Colt. In exactly 30 minutes I succeeded in adding 2 pounds to the weight and at the same time taking out a bad creep. I merely increased the friction surface by getting an even contact over the entire area by honing the bearing parts perfectly smooth and true. It is usually a slow, tedious, patience-trying job, best left to the trained experts in the gun-maker's factory.

One 2-pound .32-caliber revolver went back to the factory three times. It was worth the trouble, because I finally had a sweet pull which felt like  $1\frac{1}{2}$  pounds but which never failed to lift a  $3\frac{1}{2}$ -pound weight. My 1917 Model revolver has a smooth clean  $4\frac{1}{4}$ -pound pull. The gun weighs 42 ounces and, if anything, that heavy pull is too light, because it feels no heavier than 2 pounds and I can fire the gun by merely bending my wrist. It was adjusted so, perfectly, on the second trip to the factory. Even with my slow-fire group outside, to the right of the bull, I qualified (well above 90%) with this revolver last year.

#### The Brinkerhoff Equipment

The .45-caliber Service pistol or Colt National Match pistol has a disconnecter to prevent full-automatic fire. However, when the weight of pull is lightened too much (under 4 pounds) the hammer is likely to follow the slide as the latter slams home to closed position. The only practical way to get a light pull with safety on any of these pistols is to have special devices installed by A. R. Brinkerhoff, Box 2493, Los Angeles, California. The Brinkerhoff equipment consists of a safety device to lock the sear in engagement with the hammer notch, a special main spring, and also a buffer or shock absorber, which



latter is an auxiliary or disassociated device.

The mainspring is wound around the hammer pivot and is located in the hammer slot. The safety lock which goes with it is held by the receiver frame and gun parts inside. It prevents jarring out the sear from the hammer notch even when a very light trigger pull is employed. The hammer fall is speeded to shorten the lock time and also much of the normal jar from the falling hammer is eliminated. The buffer is a "20-pound" coil spring and plug which operate *within* the recoil spring guide of the pistol in conjunction with the recoil spring which is on the *outside* of this same part of the pistol. This buffer absorbs a considerable portion of the shock normally transmitted to the shooter's hand when the slide comes back under recoil.

I have had all the Brinkerhoff equipment mentioned above installed by Mr. Brinkerhoff in my Colt National Match pistol and I can agree with the claims of the inventor. The trigger pull, as adjusted, weighs  $3\frac{3}{4}$  pounds and is the lightest pull I have used on a big-bore autoloading arm. To shorten the trigger reach I used the old-style magazine housing and cut down the top part of the right stock and upper stock-screw bushing to clear a path for my trigger finger.

Thus modified and equipped the N. M. .45 A. C. P. felt more secure and comfortable in my hand than ever before, and, coupled with the lighter pull, faster hammer and the shock absorber, I had improved results on the target. Shooting Kleanbore .45 A. C. P. ammunition at 25 yards, slow and rapid fire, my average was 90 for 20 shots. Just before remodeling my average with the same gun and ammunition was only 76 for 30 shots. In fact, two shooters scored as well with the altered pistol as with their .22-caliber pistols fired during the same session. A good share of the credit for those extra points must be given the Brinkerhoff equipment.

#### Staynless Precision

We used the new W. R. A. Staynless Precision cartridge for our slow-fire shooting with the Colt Woodsman and Ace pistols. Impact and groups were normal as compared with ammunition we had previously used in these pistols and our scores were between 80 and 90. The Woodsman failed to extract four times and the Ace about twice that many instances. In 100 shots there was not a single misfire or hangfire, indicating a sensitive and uniform primer or what might be called excellent ignition characteristics for the new W. R. A. load. I look for some good groups with Staynless Precision in match-type rifles.

For our rapid-fire shooting we used Peters Rustless and Dewar Match in the

Woodsman and Western Super Match in the Ace pistol. There was not a bobble or hitch of any kind, and the scores ran from 83 to 90 per 10-shot stage.

#### The Pastor Stop-Watch

We timed our rapid-fire strings with a new model stop watch made by the Pastor Stop-Watch Company of Waterbury, Connecticut. It is a regulation open-face watch, chromium finish and unbreakable crystal, plus the start, stop and return provision for the stop-watch hand or indicator. This auxiliary hand is controlled by a slide ending in a plunger which projects through the case near the stem. The first push on the plunger starts the indicator, the second push stops it and the third push returns it to the 60-second position at 12 o'clock on the dial.

The dial or face is regular, but has an extra band of graduations and numerals around it. The larger marks are of one second value, numbered in groups of five from 5 seconds to 60 seconds. These divisions are also divided five times by smaller marks worth  $1/5$  of a second. However, as near as I can determine by my eye the indicator moves around the dial in jumps or beats of  $1/3$  second. Thus it can be controlled to one-third of a second by the plunger and it can be read to  $1/5$  second after it is stopped. Because of the longer indicator hand and the greater distance it must travel per second, it is much more easily and accurately read and controlled for timing shooting stages. It is a neat, strong, well-made and practical stop watch at a price under \$10.00.

For the dry-shooter who practices rapid-fire with an empty gun at home or in his hotel room, the best arrangement for timing is one of those second-timer clocks used by film developers in the photographer's dark room. These clocks have a dial like an ordinary alarm clock and a second hand or indicator which can be easily followed across a room. Now by pasting a black disc or aiming patch on the middle of the crystal or glass face, the rapid-fire pupil has a normal appearing target equipped with a timing indicator which he can watch, even while aiming and dry-shooting at its center.

#### A .357 MAGNUM S. & W.

AT THIS time public deliveries are being made on the special long-range hard-hitting revolver, dubbed the .357 Magnum by Maj. Douglas B. Wesson, who designed it as a follow-up of the .38-44 S. & W., previously designed by him. It is a very special model made only to special order with any length of barrel between  $3\frac{3}{4}$  and  $8\frac{3}{4}$  inches.

Because its purpose is long-range shooting the longest barrel is the standard

length. The screw for locking the sighting adjustment of the target rear sight as used on the Outdoorsman Model is employed on the .357 Magnum. The S. & W. Grip Adapter is standard equipment and the barrel is ribbed over its entire length, making the complete gun weigh 3 pounds. The adapter is responsible for 3 ounces of this weight. In comparison the .38-44 S. & W. or Outdoorsman weighs  $4\frac{1}{4}$  ounces with standard  $6\frac{1}{2}$ -inch barrel. The overall length of the .357 Magnum is 14 inches.

The gun is pretty heavy for offhand shooting, except in the trained hands of robust shooters who have well-developed shooters' muscles. Light-weights, or undeveloped shooters, should stick to the sitting position with this gun, using two hands and a knee rest for both elbows and with both heels dug into the ground for a more solid base. For this position, which is well adapted for long-range field work on game or target, the peep sight is an advantage, and the gun should be equipped with an adjustable peep-type revolver sight as made by D. W. King Sight Company, 555 Howard Street, San Francisco, California.

For those who can handle it from offhand stance and are capable of controlling a 3-pound weight in one hand, extended from the body, the .357 Magnum revolver is said to have a very good balance. Without the grip adapter, the  $8\frac{3}{4}$ -inch barrel is said to be slightly muzzle heavy. The new gun is said to be very accurate with the most powerful loads at all ranges between 50 yards and 300 yards. It is chambered to take the regular .38 Special and .38-44 high velocity ammunition, as well as the special .357 Magnum load. The chambers are recessed for the heads of the cartridges as in the K-22, S. & W.

The .357 Magnum cartridge is like the regular .38 Special, except that the case is  $1/10$ -inch longer and it is more heavily loaded for use in this special gun, which is built for high pressures. It should be a handloader's and experimenter's delight, on that score at least. The cartridge is still in the state of development, but the bullet will probably be a semi-wadcutter type with hollow base and of about 160 grains weight. Since the .38-44 high-velocity loads now develop 20,000 pounds pressure and 1100 f.-s. muzzle velocity, the .357 Magnum can be expected to develop 25,000 pounds pressure and up to 1400 f.-s. muzzle velocity.

Those forerunning Super Police, Outdoorsman and Heavy Duty models, which were built by Smith & Wesson for 22,500 pounds (even in the .44 caliber) could probably handle proof loads up to 35,000 pounds in .38 Special caliber, and I should not be surprised to see the heavier .357 Magnum revolver handle single proof loads developing rifle pressures around 50,000 pounds without effort.

The purpose of the gun is increased killing power on game at all ranges, increased penetration for police work, improved hitting or scoring ability at long range by virtue of flatter trajectory, shorter barrel time and time of flight, and better gun control on account of heavier weight and longer sighting base. By certain heavy-weight shooters it might be appreciated as an advantage, even with regular loads on the normal target ranges. As a cartridge-test gun, I want one very much, but as a field gun, that long barrel and 3-pound weight make me wonder.

#### THE VAN-AU-MATIC RIFLE TARGET

**WE TRIED** the Van-Au-Matic targets about a year ago. Since then there have been a few minor improvements in holder and targets. A couple of weeks ago Mr. Van Auken brought an improved set to Washington for our test. Among other things he said he had finally succeeded in getting the price of the targets down to about forty cents per hundred. Those tried were brittle composition discs in red and black solid colors about  $1\frac{1}{8}$ " wide and  $3/16$ " thick. Subsequent lots will be further improved by reducing the thickness to a maximum of  $1/8$ ".

The rest of the outfit consists of a strong metal target holder, and a magazine above it, with a capacity of ten targets per feeding. The simple flat vertical magazine is protected by a flat-faced metal guard. The magazine can be lifted out for loading. I found it practical to simply drop the targets in at the top one by one.

The bottom target is entirely exposed just below the guard plate and when it is shattered by a bullet the next following target immediately takes its place, being automatically fed by gravity. The bullet passes through the thin brittle target and strikes the target holder. This heavy casting is so perforated that the bullet or its fragments are not deflected back toward the firing point, but instead are directed through these holes to the solid flat faced backstop behind it. The resultant lead spatter is released through openings left at the sides and bottom between the target holder and backstop.

I did not follow the directions which called for a rigid back support and a 4-foot height of the target. I merely hung it, by the hole in the back member, on one of the target hooks of my X-ring Bullet Trap and wedged the bottom against the funnel or bottom plate of the trap and got perfect results. I used splash boards to catch bullet fragments on both sides after blowing out an electric lamp six feet to the side of the target. The targets are shattered so completely that the eye sees only a wisp of dust slowly drifting away. The

larger pieces which drop to the floor or ground are not seen. The new target replaces the old too quickly to be caught by the eye. All this is recognized by the use of two alternating colors, black targets and red targets always being loaded alternately in the magazine. Thus a change in the color of the target after any shot indicates a hit. The targets are intended for the use of high speed or regular .22 Long Rifle caliber ammunition. I also tried .22 Short Kant Splash and BB Caps in rifle and pistol. The latter two light-loads will merely chip off the target when the hit is near the edge, but they seemed to work well on well-centered hits. The .22 Long Rifle bullet never failed to completely remove the target whether fired in rifle, revolver or pistol, and whether it hit near the edge or in the center.

The Van-Au-Matic target outfit is, of course, designed for the "hit and miss" type of scoring as practiced in plinking. It lends itself very effectively to informal target practice by the individual and to certain kinds of informal target shooting which are more spectacular than the conventional paper target game. For example, a battery of these automatic targets could supplant the various other brittle targets now used in the different rifle and pistol games sporadically popular in some sections. Also there is an electrical outfit and a cable-controlled form of the Van-Au-Matic target which could be adapted for the game of Gofort, and especially for an indoor or gallery version of Gofort. The mechanical target I tried worked reliably and it is so simple in design and function that there is nothing to break or get out of order in a life time of small-bore shooting.

Any one interested should write for further details to Van-Au-Matic Rifle Target Co., 42 West 48th Street, New York City.

#### VAN-AU-MATIC TARGETS NOW IN PRODUCTION

**THE** review printed above has been set in type for several months but was held up pending production of the targets. I am glad to state that now they are being manufactured in quantity by a very reliable firm. This is The Fred Goat Company, Inc., 314 Dean Street, Brooklyn, N. Y., to whom orders and inquiries should be addressed.

The new sample is practically the same as the old model and needs no further description. The target discs, however, are thinner and came in red and yellow colors this time. They come 100 to the box at fifty cents per box. They are now called Van-Au-Matic "Bull's Eye Dusters."

The metal target holder and magazine sells at \$3.75. It is branded: "For .22-caliber cartridges only at 15 yards or more distance." The reason for this caution is probably the considerable side spray or spatter of bullet fragments. We found that the holder had to be hung strictly vertical or slightly sloped back at the bottom to avoid jams from target fragments blown into the magazine opening.

#### AN IMPROVED HAND TRAP

**TODAY** we tried a new model of one of those gadgets designed for throwing shotgun targets. It has a husky-size handle that feels comfortable and is secure in the grasp. The unique feature is the ejector spring which makes all the difference in the world we found. One could throw for a couple of hours with this outfit without fatigue.

The conventional spring jaw is pulled back until it is against the handle. This stretches the ejector spring but the jaws hold their position because the pivot is "on center" or in direct line with the spring. However, an easy swing of the arm or body applies sufficient centrifugal force to pull the Blue Rock and jaw away from the handle. The moment it gets off center the ejector spring goes to work and ejects that clay bird much in the fashion of a regulation trap.

It not only is easier to use than older models but it permits better control for accuracy, for uniformity of speed and for direction. Possible angles include the 90°, or straight vertical flight, with this trap. It is called the Remington Automatic Hand Trap and sells at a very reasonable price through the regular distribution channels of the Remington Arms Company.

#### THE MOSSBERG 20-GAUGE S.S.

**WE** tried the low-priced, bolt-action shotgun made by Mossberg on Blue Rocks. The reason for the lack of success (about 50% hits) was revealed while targeting the gun, as it shot decidedly low and to the right.

The gun has a well-shaped stock and handles well. It takes down into two major parts by unscrewing a coin-slotted thumbscrew which holds the one-piece stock to barrel and action. It is therefore adapted for convenient carrying in any vehicle and it is well adapted for occasional use, such as for exterminating pests around the farm or summer camp.

It is too slow and inconvenient for that second shot to be well adapted for general

sporting use. Once loaded it comes up to the face quickly and accurately and the sample had a light pull, adapting the gun for snap shooting, which was our method of firing it. Tried with W. R. A. Staynless, 2½-inch shell, ⅔ ounces No. 8c and the equivalent of 2¼ drams bulk, the patterns were as follows:

	15"	26"	30"
20 yds. ....	93	223	266
30 yds. ....	52	151	191
40 yds. ....	25	79	103

It shot into a 26-inch circle at 20 yards, and with this 2½-inch load the maximum effective range, apparently, was about 30 yards. The 2¾-inch loads will, of course, show considerably greater density of pattern which will increase the range for effectiveness by several yards.

This Model-75 single shot weighs 6¼ pounds with 26-inch barrel. The bolt handle is slightly bent back and has a large knob for convenient grasp. It will take any standard 20-gauge load. The bolt is released by holding back the trigger and it can be inserted without cocking by the same expediency. It half-cocks on the upturn of the bolt handle and automatically withdraws the firing pin from possibility of primer contact until the action is locked. There is also a large cocking knob, though manual cocking will rarely be resorted to with this gun. However, this is a necessary part of the non-automatic safety. The cocking-lug part acting as a bolt stop, also provides one lock, while the bolt handle deeply engages a slot in the receiver for the second lock. The receiver is closed on top with the loading and ejection port to the right. The metal parts are neatly blued, the bolt, trigger, and the bolt handle are chrome plated. It is listed at \$7.75. In repeater form with 3-shot magazine (M-85) the price is about double.

#### A TARGET SCOPE BY UNERTL

**B**Y THIS time John Unertl, 2702 Sherlock Street, Pittsburgh, Pa., is probably managing to keep pace with orders for his new target scope. I have not had mine long enough to try it on a rifle, but I have used it for spotting and have checked the focus adjustments.

It is a 10X scope with a ¾-inch tube and larger end pieces. The eye piece, adjustable for individual vision, is only slightly larger than the tube. The objective end is swelled considerably, because it accommodates an objective lens 1¼ inches wide. This large lens adds to the bulk, weight and cost of the scope, but is necessary for optical excellence. The light-gathering and the resolving or de-

fining capacity varies as the square of the diameter of the objective, indicating a considerable advantage over a 1½-inch lens. The added area for light transmission is as a strip 3½ inches long by ⅙-inch wide, or a rectangle ½-inch wide and nearly an inch long.

My 10X Unertl scope is 24⅞ inches long. The metal dust caps add ⅙-inch when screwed on both ends. The weight with Fecker mounts and Unertl Recoil Absorber is over 1¾ pounds. The price without mounts is \$55.00 in 8, 10, 12 or 14 magnifications, according to choice. This 10X appears to have a field of 8 feet at 100 yards. The focus for range and automatic removal of parallax is accomplished by sliding the objective by means of threaded collars. The scope is marked on top with a long register line and a series of cross marks numbered to correspond with complete revolutions of the adjusting collar or sleeve. The sleeve has a graduated scale, with large divisions reading from 0 to 10. As the range is shortened the objective is moved out, the infinity or 200-yard adjustment being at 0. The adjustments for all ranges on my scope are as follows:

Range	Turns	Divisions
200 yds. ....	0	0
100 yds. ....	1	8
50 yds. ....	3	7
25 yds. ....	5	8
50 ft. ....	7	2

The division marks on the sleeve are spaced ½-inch apart and are quickly and easily read. The knurled adjusting collars are about 1¾ inches in diameter and are conveniently turned. When the focus is right so is the parallax removed automatically by the same adjustment. I checked this at 50 feet, 25 yards and 100 yards. The 100-yard adjustment will not do for 50 yards as with some of the smaller scopes, because two complete turns are required for correction. The 100-yard or 200-yard adjustment will, however, serve well at 150 yards.

The Unertl scope has excellent resolving power and good image brightness. It will spot doublets or inter-lapping bullet holes at 25 yards. I used it successfully as a spotting scope at 100 yards on a bright day, holding it in the Westchester saw-buck stand. The exit pupil, as nearly as I can measure, is 3.175 mm. and this checks perfectly with the 31.75-mm. objective and the 10 magnifications. By this ratio the 8X would have an exit pupil measuring 3.97 mm. and the 12X one of 2.65 mm. Thus the lower the magnification the greater is the amount of light carried to the eye. Also the field of view would be larger in 8X and smaller in 12X.

I would consider this 10X with 1¼-inch

objective and its fine cross-hair reticule to be the ideal selection. The tube is long enough to accommodate the mounting requirements of any gun. There is a rib on top of my scope for Fecker mounts, but they are also made for Lyman mounts.

#### NEW W. R. A. LOADS IN THE M-417

**T**HE Unertl 10X was finally mounted on the 417 Stevens S. S. and tried at 50 yards with two new Winchester Precision loads. One of these loads is a new lot of BB-AZ34 which has been showing high excellence in the matter of accuracy and uniformity. My heavy-barrel 52W, tested recently on the factory machine rest with this lesmok load, gave 10-shot groups which averaged 1.34 inches for the first 50 shots and 1.18 inches per for the next 5 groups. The shooting was over a range of 100 yards indoors. With the Unertl scope on the M-417 this lot (No. 104-1) gave me ⅞ inch and 1 inch groups this afternoon, both scoring 99 at 50 yards. The bullet weighed 39.9 grains and miked .2235-inch. The load was 2.7 grains weight Lesmok. The same bullet was found in the new Precision Staynless cartridge.

The other load is a new "Precision Staynless Target Cartridge," according to the printing on the red-and-yellow box. It can be told from regular lesmok Precision by the double cannellure around the case. I broke one down out of curiosity and found 1.8 grains weight of a dark-colored fine disc powder, which looks much like Hercules No. 2400 smokeless. The lubricated heel bullet had a hollow base and weighed 39.9 grains. The diameter was .224 inch, which probably accounts for the code initials, "BB" (Big Bullet). I fired the primer through a short barrel on a bright steel surface to test for rust.

This is indeed a target cartridge, according to my results obtained in two pistols and with the M-417 match rifle. Using the best iron sight combination I got a 1⅞" group at 50 yards. Putting on the 10X Unertl scope I got a prone score of 99 in a group measuring 1-3/16 inches center-to-center. My other two groups before zeroing were good enough for possibilities. They measured 13/16 inch and 9/16 inch, respectively, the latter being all in one hole. That is an average for thirty shots of less than ⅞ inch. The scoring-group average for the entire fifty shots was .651 inch, while the N. R. A. 10-ring measures .890 inch. The zero, shooting prone with sling, was identical at 50 yards for BB (lesmok) Precision and for Precision Staynless.



## C. V. SCHMITT VERSUS THE CLINCHED-PRIMER PROBLEM

I THINK it was in 1925 that reloaders became concerned over the clinched primer pockets in .30-'06 cases. Government cartridges and those made by the Western Cartridge Company had the lip of the pocket folded firmly over the seated primer. Fired primers were hard to extract from such cases and fresh primers were distorted and sometimes mutilated when seated in those clinched pockets. Firing pins were bent or broken and damaged primers gave uneven ignition and sometimes leaked or blew out.

Reamers were used for convenient removal of the crimped pocket edges, but since no practicable guide or pilot was available, this reaming resulted in misshapen pockets. One side would have so much metal removed that the primer had improper or insufficient support, resulting in gas leaks and ruptures. An improperly shaped reamer or a wobbling contact would serve to bevel the pocket walls intended for supporting the vertical and parallel sides of the primer. This resulted in bulging of the fired primer and in straining it at its most vulnerable point which is at the fold or where the top and sides of the primer cup meet.

Now enters C. V. Schmitt (915 Washington Avenue, Minneapolis, Minnesota) with his cure for this problem. "Connie" knows his primers pretty well, because he has been making that highly-prized Schmitt Reloading Tool for fussy reloaders for 10 years or more. He decided it was wrong to remove metal from the primer pocket and proceeded to develop a punch which would push back that offending lip at the pocket mouth. This punch had to be properly shaped to do accurate work and to avoid undue sticking in the pocket. "Connie" also had to find a wear-resisting steel for the purpose. This has all been accomplished and the new gadget is ready for the market.

It is a combination die and plunger outfit which serves the dual purpose of decapping clinched primers and then of reshaping the pockets in a separate operation. There is a metal block with a recess to fit the case head and a hole for the escape of the driven primer. A decapping punch with removable chuck and a driving head is provided. Any household hammer provides the driving force.

The same block serves as a base for the pocket-shaping operation. A flat-end rod is held in this base as a support for the case which is dropped over it. The punch is tapped into the primer pocket with a hammer. Very little force is required. At the first blow the lip or clinched metal raises a burr around the rim of the pocket. As the bottom of the punch reaches the bottom of the pocket, shoulders on the

punch flatten the burred metal flush and level with the surface of the case head. The punch is knurled near its head so that it can be given a quarter-turn or half-turn as the driving proceeds. To facilitate removal and to avoid wear from abrasive deposits in the primer pocket the end of the punch should be dipped in or very lightly coated with finely powdered graphite.

I tried the new Schmitt tool on some fired .30-'06 cases which had heavily crimped or clinched pockets. These were of Western Cartridge Company, Frankfort Arsenal and National Match brand. The decapper did its job easily, accurately and conveniently. The pocket punch was slower and less convenient to use, because it tends to stick in the pocket. It cannot be conveniently turned but must be withdrawn for each turn. However, it does its work properly and accurately, which cannot be said of the more convenient reamer. In fact it is safer (but slower) to use a pen knife than a primer-pocket reamer. As I see it the Schmitt method is the only correct method and, therefore, the solution of an annoying problem and the Schmitt punch is the proper tool for this important reloaders' chore.

## Questions and Answers

ONLY two weeks out of each month are devoted to personally answering Dope Bag letters by Mr. Ness, the Editor of the Dope Bag. The other two weeks of each month are taken up by field work and editorial work. This accounts for the unavoidable delay in replying to Dope Bag letters.

Write or type your questions intended for this department on separate paper plainly marked for the Dope Bag. PRINT YOUR NAME AND ADDRESS ON EACH LETTER. LEGIBLE NAME AND CLEAR ADDRESS ARE REQUIRED FOR REPLY. YOUR COOPERATION WILL BE APPRECIATED.

## WANTS PROPER HANDGUN BATTERY

I WOULD like your help in choosing a set of target pistols in .22-caliber for slow, timed and rapid fire. I have in mind the H. & R. U. S. R. A. single shot for slow fire. What, in your mind, do you consider the best barrel length for ease of holding, sighting, accuracy, and consistency of shot placement? I have to continually fight "muzzle droop" and although I have never fired either the 7" or the 10" H. & R., my thought is that the 10" might be more difficult to hold than the 7" barrel. What is your opinion?

Regarding the proper H. & R. grips for my hand. My hand is rather small and I find that ordinarily I must take a firmer and tighter grip, or hold, on almost any revolver or pistol than the average shooter claims that he takes. I will enclose a pencil outline of my hand with the hope that you may be able to determine which grip I should use. Does the No. 5 free-pistol grip conform with the N. R. A. requirements in both pistol and revolver matches? How is the No. 5 grip for rapid fire?

I now own the following guns but will do anything to improve my shooting. K-22, Officers' Model, S. & W. .22/32, Woodsman, 1891 S. & W. single shot, H. & R. Single-Action Sportsman, and Camp Perry. I have read so much about the H. & R. speed-action U. S. R. A. that I am going to buy one after I hear from you concerning the questions mentioned above. Do you think that I could devote my entire time with advantage on only the H. & R. U. S. R. A. for slow fire and the H. & R. Single-Action Sportsman for timed and rapid fire? Are these last mentioned guns worthy of one's entire time and practice and will one be repaid by narrowing his shooting practice to just these two guns? I have a lawyer friend whose pet saying is "beware of the lawyer with one book." Would the saying "beware of the shooter with one gun" hold, when applied to the selection of an arm?

I have a B. & L. draw-tube spotting scope for the pistol range. Would I better myself any with a B. & L. Prismatic Scope? Or would it be a needless expense?

What .38-caliber revolver would match in pretty well with the H. & R. U. S. R. A. and Sportsman for competitive shooting? I only shoot the .38 caliber at a match, but I would like to know the above so as to get one that will be a fair mate. Thus far I have no preference.

Wouldn't you recommend that the H. & R. Company groove the front backstrap on their arms to prevent slipping in the hand at the time of discharge? This seems to me a needed improvement.—H.C.A.

Answer: It seems to me that you are already pretty well equipped with small-bore handguns for all target purposes. Perhaps you have too many of them and I think that if you would stick to the Officers' Model .22, Camp Perry single-shot .22 and Officers' Model .38 that you would note an improvement in your shooting. Of all the guns you mentioned the best adapted for all types of small-bore target work and field work is the Colt Woodsman. This is adapted for side-arm purposes, for slow fire at 50 yards and 20 yards and also for the qualification matches which require the same gun used at 50 yards slow fire and at 25 yards rapid fire and timed fire.

Now I note that you have a small hand with a short trigger-reach, and I believe, of all your guns the ones best adapted for your hand are the Model 1891 S. & W. single shot, the S. & W. .22-32 and the S. & W. K-22 revolvers. I would suggest that you stick to this combination (or to the combination mentioned in the paragraph above) and if you choose the S. & W. group to add the Smith & Wesson target revolver in .38 Special caliber or the .38-44 Outdoorsman target revolver. If you do this and are not satisfied with the accuracy of your Model-1891 single shot you could add the 7-inch H. & R. single-shot pistol equipped with No. 1 stock which will give you a combination more nearly like the revolvers. I would suggest that you obtain this pistol in the heavy-barrel weight as now made which also includes grooving of the stock and straps, front and rear.

While I see no need of changing to the Single-Action Sportsman revolver I would venture the opinion that you will find the No. 5 grip the best on this revolver for both slow fire and rapid fire, and it also conforms to the condition of all matches. You could also use this No. 5 grip with entire satisfaction on the heavy-barrel 7-inch H. & R. single-shot pistol as well. On all the H. & R. guns I prefer the No. 1 and

No. 5 grips to all others and my hand offers much the same handicap as your own in regards to size and trigger-reach.

Your B. & L. draw-tube spotting scope is entirely satisfactory and I doubt that you could get a better one for the purpose at any price.

### .270-WINCHESTER ACCURACY

I WOULD appreciate very much any information you have regarding the accuracy of the Winchester Model-54 rifle, caliber .270, using full-charge hand loads weighted to one-tenth grain and factory, jacketed bullets.

I note in *THE RIFLEMAN* for March that W. O. Schirmer using hand-loaded ammunition and 95-grain Western Tool & Copper Works bullets secured groups of one inch and under, at 100 yards.

What I would like to know is whether you know of any similar cases of groups of 1" being secured with the standard Model-54, or do you consider this an exceptional case. Any information you may have regarding the finest accuracy obtainable with this rifle will be very much appreciated.—J.R.F.

**Answer:** In the Model-54 Winchester the .270 caliber is slightly more accurate than the .30-'06 caliber. With factory ammunition and muzzle-and-elbow rest at 100 yards, the gun will shoot into  $1\frac{3}{4}$  inches against 2 inches for the .30-'06 and  $1\frac{1}{2}$ -inch groups are not uncommon. You already have an idea of the accuracy of high-speed chuck loads in this rifle as represented by Olin Schirmer's test published in *THE AMERICAN RIFLEMAN*. Another very accurate load in the .270 Winchester is the Belding & Mull 110-grain plain base lead-alloy bullet No. 279111 with 10.0 grains weight No. 80 powder, which makes a very good squirrel load up to 100 yards and a very cheap target practice load. M. A. Cooper has experimented with gas-check bullets at gas-check velocities and he got groups ranging from  $1\frac{3}{8}$  inches to  $1\frac{15}{16}$  inches at 100 yards with such loads. The Western Tool & Copper Works bullets are very good bullets and most of our loading companies are today making very uniform and accurate bullets, which are excellent for reloading purposes in such calibers as the .30-30, .22 Hornet, .25 caliber and .30-'06 caliber.

### .270-WINCHESTER SPECIAL LOADS

I HAVE a 54 Winchester, .270-caliber rifle, with Hensoldt scope, which is an excellent rifle except for the recoil. I used a .250 Savage for years. I killed lots of deer with it and never lost one that was hit. Now what I would like to know is, if the .270 is slowed down to 2,800 ft., how the recoil would compare with the .250 and also the killing power. Also, if a lighter bullet at the same speed would be effective?

I am not equipped for reloading and do not shoot enough to pay to do so and would like to know where I might buy a few shells loaded to order if it would be practical.

The 100-grain bullet in the .250 is very effective and it seems to me that a 100-grain bullet in the .270 at the same speed should be about as good with less recoil, or, if not, at least a 110-grain or 120-grain bullet if such could be purchased.—S.P.S.

**Answer:** The velocity of gun recoil is the mass of powder charge and bullet multiplied by the velocity at the muzzle, and in turn divided by the mass of the gun. Thus, if you reduce the powder charge, or the weight of the bullet, or the muzzle velocity, you will reduce the recoil for a given weight of gun. I would suggest in the .270-Winchester that you try the Western 150-grain Soft-Point cartridge, which is loaded to under 2,700 f.-s. and which should give you lower recoil in the .270-Winchester. After you have found the velocity of recoil, the energy of recoil is one-half, times the mass of the gun, times the velocity of recoil squared.

The light bullet in the .270-Winchester depends upon very high velocity for killing effect, but the 130-grain bullet should still be effective at 2,950 to 3,000 f.-s. muzzle velocity, and this would reduce the recoil appreciably. It would not reduce secondary recoil to as great an extent. This is the effect of muzzle blast, and is probably what annoyed you the most. In your special load you could probably obtain a 100-grain, 110-grain or 95-grain bullet from the Western Tool and Copper Works, Oakland, Calif. If you have the lighter of these bullets loaded to 3,200 f.-s. and the heavier ones to 3,000 f.-s., it should reduce the recoil appreciably. For special loads write to Arthur Strode, 2311 Grant Street, Vancouver, Wash., Belding & Mull, Phillipsburg, Pa., or J. Bushnell Smith, Middlebury, Vt.

### .30-30 ACCURACY

I WILL greatly appreciate a little information regarding a Winchester .30-30 Carbine, 1894. Cartridges that I reload for it, using 86-grain bullets, will not put three bullets in an 18-inch circle, doing just as badly with different weights of powder. With factory-loaded cartridges I can hit now and then. Is that 86-grain bullet too light (I am using du Pont No. 80 powder). It seems from what I can find out the .30-30 is not too accurate at its best, is that right?

What other caliber barrel can I use in front of that action and get just as long a range and killing power, sufficient for deer and that will be more accurate than the .30-30 and that I can reload for?—R.E.L.

**Answer:** The .30-30 Winchester Model-1894 is an accurate rifle, but in this case accuracy is gauged by different standards than those used in gauging target rifles. It is, of course, meant to be a light, handy, short-range sporting rifle, and it serves its purpose admirably when it shoots into 3 or 4 inches at 100 yards with the 170-grain load at 2200 f.-s. For lighter game or woodchuck you can buy the 110-grain Super-Speed ammunition in this caliber and I would suggest that you buy these bullets for reloading the .30-30 and you should get better accuracy than you are getting with the 86-grain bullet. These 110-grain Super-Speed bullets cost \$1.08 per 100 and are, therefore, not as expensive as most .30-caliber bullets which cost \$.03 each.

In my own reloading experience in this caliber I obtained the best accuracy by using the Squibb gas-check lead-alloy bullet with 20.0 grains weight Hercules Lightning powder. On account of the pointed bullet nose it cannot be used in the magazine and also on account of the increased overall length the cartridge must be introduced directly into the chamber as a single shot which is, of course, satisfactory for target-shooting purposes. With this most accurate load in this

caliber I obtained something like  $2\frac{1}{2}$ " groups at 100 yards even with the light, take down Model-55 Winchester rifle.

I also had this 1894 Model in the .32-40 caliber and it was a very accurate arm, especially with factory, smokeless, metal-case ammunition. At some of our target shoots this rifle won every bird offered in the turkey matches at 100 yards, and at one match I had a composite of my ten shots into  $2\frac{3}{4}$  inches using open sights from a plank rest as required in these matches. This .32-40 load and the .30-30 cartridge are in exactly the same class for sporting purposes and that is for use on such game as Eastern deer and black bear at ranges not exceeding 150 yards. The best lever-action model in this caliber would be the Winchester Model-64 Deer Rifle on account of its superior stock, sights, and sling equipment which places it in the same class as the Savage Model 99-RS Ideal Deer Rifle.

### CONVERTING THE SUB-CALIBER M-1903

I HAVE an old fashioned Springfield .22 which must be used with an auxiliary cartridge shaped like the .30-'06 and uses .22 Shorts only. I would like to have this re-bored for the .30-'06 cartridge. The barrel is thick and I can't see why it would not be strong enough. If you have anyone in view who can do this work, I would be pleased to have their address as well as your advice in this matter. This gun has never been used, being stored away as using this action was a rather tiresome job reloading, and then punching out shell. I am thinking of sending same to Fred Surkamer of Chicago.—D. P. S.

**Answer:** You can get auxiliary adaptors for firing .22 Short ammunition in your Model-1903 .22-caliber Springfield rifle from Francis Bannerman Sons, 501 Broadway, New York City.

This action was not assembled for the .30-'06 pressures, and if you have Surkamer, or some other competent gunsmith, undertake the work, I would suggest that you have him check it for headspace and also proof fire it with an overload of at least 40% heavier than standard. While the .22-caliber Springfield barrel is made of the same Ordnance steel as the .30-caliber barrel your re-boring job may release strains which will affect the zero or shooting qualities of the barrel.

My recommendation is against your plan, because you will save nothing by it, and it would be cheaper to have the gun equipped with a regular .30-'06 Service barrel, costing \$7.83 at the Springfield Armory. In doing so they will probably substitute one of the modern double-heat-treated receivers free of charge and make only a small charge like \$1.00 for the work of assembling. You would have to take the matter up directly with the Director of Civilian Marksmanship, Room 2840, Navy Building, Washington, D. C.

Another plan, if you are especially interested in economy, is to get the Model-1917 barrel through the D.C.M. for only \$3.80, plus about 50¢ packing charge, in case you cannot make the arrangements through the D.C.M. as suggested above. The latter job would have to be done by some competent gunsmith, and I would suggest R. F. Sedgley, Inc., 2311 North 16th Street, Philadelphia, Pennsylvania, who could re-heat treat the old receiver for added toughness or to reduce some of its brittleness.

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## WHEN ALL CHAMBERS ARE LOADED

**M**Y COMPANY requires that the chamber under the hammer of the Colts revolvers be left empty and I have known this to be recommended by other people, evidently as a safety precaution.

My contention is that this chamber should not be left empty any more than any of the other chambers and if it is empty this one empty chamber may be the one needed to protect yourself or others as the case may be.

Can you give me any reason that is at all intelligent why this chamber should be empty at least in the Colts gun.

I can understand that if all chambers are left empty and one is very careful not to drop the gun on his foot or swallow it then it would probably be 100% safe but the empty chamber under the hammer doesn't contribute anything to safety that I can see.—G.H.P.

**NOSKE Rifle  
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**Answer:** The reason it is recommended to keep the chamber empty beneath the hammer of the Single-Action Colt is that the gun can be fired by accidentally hitting the hammer or dropping the gun on the hammer which might prove fatal to the owner as this would serve to fire the weapon. Therefore, carrying the hammer down on an empty chamber or an empty cartridge in that chamber is a real safety precaution. The only way in which it is safe to carry all six chambers loaded is to have the gun altered by a good gunsmith so that the hammer can be let down between two chambers. If you want this done with your gun I would suggest that you take up the matter with W. H. Church, Fullerton, North Dakota, or with some competent gunsmith on the West Coast like F. K. Elliott, Ramona, California, and Frank Pachmayr, 1232 South Grand Avenue, Los Angeles, California, in view of your own location in the West.

On the double-action Colt revolvers the Colt Positive Lock prevents accidental discharge with all chambers loaded.

## NO. 1185 LOADS

**I** HAVE just received some smokeless powder, cal. .30 I. M. R. 1185, lot No. 1680, from the D. C. M. The charge, velocity and pressures for the 172-grain boat-tail bullet are given on the enclosed slip. Would this powder be suitable for loading the .30-'06 with the Winchester .30-30 110-grain O. P. bullet at about 3,200 f.-s.? Please give the powder charge and pressure for this load.

I have two bullets to select from—the Winchester 110-gr. O. P., as mentioned above, and the Remington 110-gr. mushroom. Which would be less likely to ricochet when shooting prairie dogs, crows and hawks?

I am thinking of reloading for the Krag with the .32-20 Winchester 80-gr. O. P. to 3,000 f.-s. Will this bullet have to be sized before firing through my Krag barrel, which measures .309 inch? Please give the charge of the above powder and the pressure for this load at 3,000 f.-s. with a barrel length of 24 inches.—J.L.

**Answer:** Your Powder No. 1185, Lot 1680, would require 54 grains weight in the .30-'06 behind the .30-'06 Remington 110-grain bullets for 3,200 f.-s. There is no data available on the pressures, but this should be a safe load. This bullet will blow up at this velocity as the maximum speed possible with any canister powder is 3,300 f.-s. This velocity is too great for the .30-30 bullet of the same weight, and you will probably get the best results with 50.0 grains weight with the maximum charge 51.0 grains weight. This .30-30 bullet will blow up more readily on account of its lighter construction. In the Krag use the 80-grain .32-20 bullet without sizing. Merely chamfer or bevel the shell mouth. 50.0 grains weight of your No. 1185 powder would give 3,000 f.-s. in a 30-inch Krag barrel, but you should use not over

48.5 grains weight, which will give about 2,850 f.-s. in your 24-inch barrel for safe pressures and better accuracy with this light bullet.

## 1903 OR 1906?

**O**N PAGE 52 of the January Dope Bag, under the title, "There Are No '30-30' Springfields," we wrote about the employed names of the cartridge known to N. R. A. members and AMERICAN RIFLEMAN readers as the "30-'06." The specific purpose was to distinguish this sporting caliber from the other sporting caliber by branding it with its several commonly used names. The reason was a common request from a number of members who all claimed that locally the caliber of the Service rifle was referred to as a "Thirty-Thirty" by many Service men and also (with ostensible authority) by some of their officers.

Two letters, since received, indicate that probably some readers have read into that Dope Bag reply a reference to the title of the U. S. Rifle, Model-1903, which is commonly called the "Service Springfield." As a matter of fact, the letter as printed deals entirely with caliber and caliber titles, no mention being made of any specific model of rifle, as any interested reader can determine for himself. "All the Service rifles since 1906" (meaning the most commonly known shoulder arms in the Service) are referred to as a group, and those immediately in mind were the U. S. Rifle, Model-1903, U. S. Rifle, Model-1917 and also the Browning automatic rifle made by Colt for World-War service.

In that same issue of THE AMERICAN RIFLEMAN, in his article on "The .45-70 Springfield Rifle," Colonel Whelen uses the expression "30-'06 Springfield" as the name of a rifle, and to this some purists might object on the grounds that it is not officially correct. The expression is, however, used advisedly to distinguish one Springfield rifle from another, namely, the .30-'06 (caliber) Springfield (rifle) from the .45-70 (caliber) Springfield (rifle). The argument of the dissenting group is that "30-'06 Springfield" is as incorrect as "30-30 Springfield" (although, of course, it is less misleading) because the former Model-1906 Service cartridge (while interchangeable) is a load distinctly different from that of the present M1 Service cartridge.

Such contentions are tenable when confined to military or Service publications, but they lose authority when applied to sporting journals which deal primarily with the sporting aspects and application of military rifles and ammunition. In fact, in the hands of our readers the Service rifle or the Service cartridge generally loses its identity as such and becomes a remodeled .30-'06-caliber sporting rifle and a remodeled (nose-drilled) .30-'06-caliber sporting cartridge. Interchangeable factory ammunition and handloads are properly classified as "30-'06 cartridges" and are also correctly branded by the various manufacturers' names of, "30 Springfield" and "30 Government."

Likewise, sporting rifles built on the Model-1903 action are properly identified as "Springfield sporters" and all such rifles which have not also had their caliber altered are properly identified by the caliber-and-action classification, "30-'06 Springfield." This is an expression coined by necessity and established by popular usage, because the official title of the original rifle failed to qualify. It is merely incidental that the "U. S. Rifle, Model-1903" happens to be found within the brackets of this group classification and thus also qualifies as a "30-'06 Springfield." This 1906 name is required to avoid probable confusion of 1903 rifle with the obsolete 1903 cartridge.



The Arms Chest is an open market trading post where manufacturers, distributors, purveyors of professional services, and our own readers may cry their wares to fellow sportsmen at a modest cost. Returns are uniformly excellent—scores of advertisers have reported truly phenomenal results. Advertisements for **The Members Exchange** are accepted from members only, for their individual and personal transactions exclusively, at 7¢ per word INCLUDING NAME AND ADDRESS, minimum charge \$1.00. All dealers' advertisements are grouped under **The Trading Post**, the rate for which is 9¢ per word INCLUDING NAME AND ADDRESS, minimum charge \$1.50. Groups of letters and figures are computed as one word. No box number or blind ads accepted. All advertisements must be accompanied by cash or they will be disregarded. Final closing date is the 10th of the preceding month. Please print all advertisements plainly—we cannot be responsible for errors due to illegible writing.

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22 BANKER'S Special, Colt. Perfect condition, fired only a few times, \$20.00. Leland S. Davis, Jr., 6016 Bellevue, Kansas City, Mo. 2-35

WINCHESTER Model 54, cal. .270, stock and front sight ramp by Niedner, condition like new, \$55.00. Pacific loading tool, \$10.00. Pacific 7 m/m neck sizing and bullet seating dies, \$5.00. Same for .45 Colt cartridge, \$5.00. Hensoldt Sport Dialyt 8 x 30 binoculars, perfect condition, \$40.00. R. Newley, Box 1058, San Antonio, Texas. 2-35

WINCHESTER 54, 30-06, Whelen sling, excellent, \$40.00. Colt .45 auto, Heiser holster, new extra barrel, extra magazine, excellent, \$20.00. Pre-war .25 Mauser auto, excellent, \$12.50. No trades. Robert Brodhead, Strafford, Pa. 2-35

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22 HORNET rifle, \$18.50. Single shot, 24" barrel, adjustable screw type sight, for great accuracy. Samuel Rains, Pembine, Wis. 2-35

NEW PRE-WAR Mannlicher Schoenauer Carbine, cal. 6.5, fancy full stock, \$60.00. A. S. Anderson, Lawrence, Kans. 2-35

WINCHESTER 54 Hornet, with Lyman 438 mounted, perfect, fired 30 times, Croft case, 500 primers and bullets, reloading tools, 10 boxes shells. Price complete \$70.00. A. C. McMahon, 1323 N. 2nd St., Arkansas City, Kans. 2-35

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FORCED TO SACRIFICE. Savage rifle, Model 99 R.S., caliber .300, fired 87 times, perfect, \$50.00. Browning Overunder 12 gauge shotgun, 28-inch barrels, choke 45% and 55%, hand-made stock, recoil pad, selective single trigger, excellent condition, sell \$100.00. Philip M. Tirrell, 14 Mt. Airy Place, Morristown, N. J. 2-35

ITHACA one barrel Trap, No. 4-E, Silver pad, sole leather case, \$90.00. Parker VHE, 12-32", sole leather case, \$65.00. Each very good. 10-ga. Claybrough, double hammer, fancy engr., filigree inlay, pistol grip, two sets barrels, Silver pad, \$22.50, good condition. Winchester 401 auto-loading, finish worn, barrel perfect, case, \$32.00. Remington .35 auto-loading, take-down, Lyman 45 rear, ivory bead front sights, Silver pad, very good, \$42.50. .44 Special N.S. 7½", raised front sight, good, \$16.50. .32 Colt auto, very good, \$14.00. M. E. Bosley, Box 343, Evanston, Ill. 2-35

NEW SEDGLEY Springfield, 30-06, \$65.00. New Fecker scope, ¾", 8X, with mounts, \$35.00, both \$95.00. Mauser military automatic pistol 7.63, new barrel, wood and leather holsters, \$35.00. R. N. Longworth, Somerset, Ky. 2-35

COLT 38 Special, 5-inch bbl., bargain, \$20.00. Robt. Stout, 330 Center, Taft, Calif. 2-35

SAVAGE N.R.A. 1933, equipped with sling and Lyman 17A sight, excellent condition except for some stains on outside of barrel, \$19.00. Robert Rowe, Jr., 620 Riverside Drive, New York City. 2-35

NEW STOEGER 30-06 Springfield, fancy stock, ramp sight, etc., bone forearm, matted receiver, new improved bolt handle, Whelen sling, \$70.00. New Sedgley Springfield, \$50.00. .351 Winchester, \$25.00. Remington 20 ga. auto with skeet, full choke barrels, \$50.00. Remington 12 ga. auto skeet and full barrel raised rib, \$45.00. 45 Colt automatic, \$15.00. 25-20 Winchester carbine, \$18.00, good. New 10 h.p. Caille motor, \$75.00. Thompson IV Runabout, 15 ft. boat, \$50.00, like new. WANT—12 gauge over and under, must be good. R. A. Larson, Luverne, Minn. 2-35

BARGAINS: .30/40 Krag, \$13.50. .30/30 Winchester carbine, \$19.50. 25/20 new \$23.90. .41 Colt Frontier, \$16.50. .38 Special, \$15.50. 12 gauge Winchester pump, \$19.50. M. Medlin, 613 American, Long Beach, Calif. 2-35

REMINGTON 31A, 16-28, modified, very good, \$33.00. Remington Hammer, double, 12-30, fair, \$9.00. Ranger 410 Bolt Repeater, very good, \$6.00. Robert Johnson, Polo Road, Bryn Mawr, Pa. 2-35

30 LUGER, one of the rare ones, 4½" barrel, American Eagle on receiver, grip safety, heavy holster pocket for clip, both excellent, \$35.00. G. W. Gilkison, Scappoose, Ore. 2-35

ITHACA 20 ga. Field, cost \$39.50, excellent, \$20.00. Safety indicators, latest model, full and modified. Pearl grips for Colt Woodsman with stage coach scene engraved in black, \$15.00. Roy Vail, Warwick, N. Y. 2-35

MOSSBERG bolt repeater 22 l.r., peep and telescope equipped, use either, \$17.50. Marlin 410 five shot repeater, \$16.50. All very good. Dan Merriott, Nevada, Mo. 2-35

SEDGLEY COLT .22 Hornet, single action revolver, perfect, \$55.00. Robert W. Knight, Seneca Falls, N. Y. 3-35

STEVEN'S 22 Target pistols, \$10.00, 6"; \$10.35, 8". Single shot, adjustable sights. Steven's pistols, like Steven's rifles, are noted for accuracy and dependability. Samuel Rains, Pembine, Wis. 2-35

'94 WINCHESTER 30-30 solid frame, cleaning rod, canvas case and 30 shells, excellent, \$20.00. Winchester 52 standard barrel only slightly pitted, very accurate, \$5.00. 52 rear folding sight, \$3.00. Stanley Fogle, Downing, Mo. 2-35

B. S. A. 22 cal. Match, Watson front, excellent, \$35.00. 28-30 Pope Stevens Schuetzen, 100 emp., mould, resizing tool, \$25.00. Krag 30 Baker Stalk, checkered p.g., Watson front, Western rear, \$22.50. H. Clay Buroker, Sweetser, Ind. 2-35

ROSS 280, stock fair, otherwise excellent, \$30.00. E. M. Detcher, 325 Park Ave., Rochester, N. Y. 2-35

WINCHESTER Special Repeating Trap, 12-12, 30, ventilated rib, nickel steel, smooth action. Ithaca single trap, No. 4, ejector, 12-30, ventilated rib, fancy, both perfect. Leather cases, \$100.00 each. Gus Panopoulos, Farmer City, Ill. 2-35

S&W 38 Special Military & Police Target Revolver, excellent, fired one box cartridges, \$24.75. W. L. Balla, 815 Wellington Ave., Chicago, Ill. 2-35

NEW WINCHESTER 52, perfect, \$32.50. Very good 30-06 Winchester 54, excepting bullet crease in stock, not interfering with serviceability, \$27.50. Colt 45 automatic commercial, good, \$20.00. Hensoldt 30X8 binoculars recently balanced, \$32.50. \$125 Dallmeyer camera film pack F2.9-1/1000, shutter, \$50.00. W. J. Staudte, 5240 Milwaukee, Chicago, Ill. 2-35

POWDER BALANCES, sensitive 1/10 gr., pocket case, \$3.50 with weights. Stamp for description. Mark Hershey, Hillsdale, Mich. 2-35

H&R SINGLE action, like new, \$12.50. Winchester 1890 model, 22 cal., good, \$15.00. 1894 Winchester 30-30, like new inside, fair out, 50 soft point shells, \$17.50. S&W M&P model, 6 inch, Heiser holster, complete reloading set Ideal tools, 600 primers, 1 lb. powder, about 150 loaded shells, all complete, \$25.00. L. C. Smith 12 ga. 30 in., full & mod., \$17.50. Meridian 12 ga., 32 in. both full with imitation leather case, \$20.00. Owen Lavelly, Cedarvale, Kans. 2-35

PERFECT Marlin 93-30-30, \$25.00. Excellent Win. S.S. Hornet, fired 10 times, Model 1879, \$15.00. Colt Bisley 38 W.C.F., fair, holster, \$12.00. U. S. Navy 6X30 binoculars, with case, straps, excellent, \$25.00. WANT—Late O.M. 22, Ace, Super 38. A. Gehhardt, 76 Tonnele Ave., North Bergen, N. J. 2-35

COMPLETE file of American Rifleman, 1928-1934, inclusive, \$14.00. Clyde Snively, Sta. C. R. 6, Milwaukee, Wis. 2-35

NEW 1½" Fecker 10X scope, precision mounts, \$82.00. Robert W. Knight, Seneca Falls, N. Y. 2-35

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SELL 6.5 m/m Mannlicher, 18-inch barrel, full stock been cracked at grip and repaired, metal parts and bore excellent, very accurate, twenty-seven dollars. 38 Colt Super, excellent, bore perfect, twenty-five dollars. WANT—Good target scope. Justin Gibbins, Lakeview, Ore. 2-35

S&W SPECIAL, pre-war triple lock, blue 6 1/2 inches, perfect, \$35.00. S&W Special, heavy Russian model, nickel, 5 inches, perfect, \$35.00. S&W special pre-war triple lock, nickel, 5 inches, Walrus ivory grips, gold bead sight, perfect, \$50.00. Mrs. Roy Bendure, 518 West Fifth St., Sedaia, Mo. 12-34

HENSOLDT "Wetzlar" 8X30 binoculars, very good, \$35.00. About 200 specimen cartridge collection, nicely mounted in portable folding case, \$40.00. 35 cal. Remington Model 8, auto, very good, \$45.00. WANT—30S Remington 30-06; 2 1/4X Zeiss scope. N. L. Geary, Stover, Mo. 2-35

SAVAGE N.R.A. 19, excellent, \$12.50. S&W Army 45, good, \$12.50. T. Edwards, Sea Girt, N. J. 2-35

WINCHESTER 21, 12 gauge, 26, cylinder, modified, very good, \$42.00. Another, same, perfect, factory grease, \$53.00. New Defender 2-inch, 22 target, perfect, \$13.25. Wm. Parker, Conway, N. H. 2-35

WINCHESTER 405, fancy stock, excellent, \$35.00. Remington autoloading 35, fancy stock, engraved, peep sight, good, \$33.00. Winchester 52, slow lock, shot 40 times, excellent, \$34.00. London Colt 36, cap and ball, in case with tools, excellent, \$50.00. Cash, money order. Money back if not as stated here. Ben Ziesman, Box 77, Hyattsville, Wyo. 2-35

54 WINCHESTER and scope, N.R.A. stock, 30-06, Zeiss Zieklein 2 1/4X, Griffin & Howe double locking mount, open sights, single post graticule, recoil pad, sling, perfect, six months old, 26 shots fired, cost \$135.00, sell \$95.00. Walter Ganter, 2066 E. Lippencott St., Philadelphia, Pa. 2-35

WINCHESTER Trap, vent. rib., extension forearm, pistol grip stock, good condition both inside and out, \$90.00. Cost new \$185.00. Ray Hall, Woonsocket, So. Dak. 2-35

FAIRBANKS 3054 powder scales, new, \$15.25. Perfect, \$13.75. New Malcolm rifle telescope. President Palaski Rifle Club, Pulaski, Wis. 2-35

KENTUCKY, rifles newly cut, fine shooter, \$12.50. Details for stamp. Ernest Williamson, Belfast, Ohio. 2-35

32-20 COLT Army Special, 5-in. 45 Colt New Service, 5 1/4-in. Both factory grease. \$20.00 each. Arthur Forrer, Griffin, Ga. 2-35

HORNET, Niedner Springfield conversion, speed action. Hensoldt Dyaltan 4X cross hair, Western mounts, very good, very accurate, \$100.00. No trades. T. K. Lee, Birmingham, Ala. 2-35

COLT WOODSMAN, 6 1/2" or 4 1/2", high speed, perfect, factory condition, \$24.50 each. New Heiser Mexican hand carved belt and holster for 6 1/2" Woodsman, \$5.50. S. A. Oellerich, 1319 E. Johnson, Madison, Wis. 2-35

WINCHESTER 57, Lyman 42-W rear, excellent, \$15.00. Crosman repeating air rifle in working condition, \$4.00. P. Miller, 16 Curtis St., Bloomfield, N. J. 2-35

WINCHESTER 54 Hornet, scope bases, purchased new Christmas 1934, fired 100 pounds, \$40.00. Savage 23D, speedlock, excellent, \$23.00. Ralph Koken, Superior, Nebr. 2-35

REMINGTON SPORTSMAN automatic 16, improved cylinder, raised rib, red and white sights, very good, fine specially waterproofed case included, excellent skeet and field gun, only \$39.00 for quick sale. G. Edwin White, 200 West 16 Street, New York. 2-35

COLT DRAGOONS, cased Colts, cased confederate Colt, Paterson rifle. Selling out entire collection—cheap. Detailed list. Richard D. Short, Woodstock, N. Y. 2-35

REMINGTON auto 12 ga., rib. leather case, excellent, \$40.00. Trade—97 Winchester, 12 ga., 2 barrels, leather case, good. WANT—Parker or Smith 12 ga., Hammerless. W. B. Phelps, Independence, Iowa. 2-35

REMINGTON 11-12, full, auto, factory reconditioned, very good, \$35.00. H. K. Johnson, Box 184, Laramie, Wyo. 2-35

30-06 MAUSER, 24", ribbed, set triggers, oiled, checkered stock, excellent, \$30.00. 38 S&W D.A. 3 1/4", excellent, cts., \$8.50. 32-20 S&W, 5", blue, perfect, holsters, cts., \$18.00. 45-70 Springfield, 24", checkered, oiled, inlaid stock, excellent, cts., \$7.00. WANTED—22 S&W, perfected, side ejector, blue, 3 or 3 1/2", original, perfect, describe. Gordon Boser, Springville, N. Y. 2-35

WINCHESTER A5 scope, good, \$25.00. 438 scope, click mounts, excellent, \$20.00. Super 38 auto, perfect, \$25.00. Winchester 90, 22 Lr., very good, \$15.00. Official Police 38 Special, 6" bbl., \$20.00. George Ross, 808 Davidson, Watertown, N. Y. 2-35

STEVENS rifle, model 418, 25 r.f., \$12.00, excellent. D. L. Richards, Palmer, Mass. 2-35

NATIONAL MATCH 45 A.C.P., extra magazine, perfect, \$32.00. Single 16 gauge ejector, good, \$5.50. Rifleman 1933-34; 10, 1931; 6, 1932—40 issues, \$7.00. R. L. Cushman, North Wilmington, Mass. 2-35

ITHACA Field 12-30, barrels full, automatic ejectors, inside very good, outside good, \$25.00. Bond reloading tool 22 high power Savage, new, \$6.50. Both postpaid. John T. Eaton, R. F. D. #1, care C. G. Jones, Cuyahoga Falls, Ohio. 2-35

LYMAN 438, excellent, leather case, \$20.00. Winchester 52 Speedlock, canvas leather case, 48J, 17A, Westchester Cheekpiece, sling, keeper, pad, Parker rod, extra 5, 10 magazines, excellent, \$42.00. Lyman Targetspot, 10 power cross hairs, new, \$45.00. R. Stewart, Yellow Springs, Ohio 2-35

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LEFEVER 12-32, full, trap, vent. rib., ivory sight, Hawkins pad, leather case, excellent, \$30.00. Remington 17A, rib, Hawkins pad, 2 bbls., 28 full, ivory sights, 24 imp. cyl., excellent, \$40.00. Military and Sporting Rifle Shooting, Crossman, perfect, \$30.00. John Sowden, Main St., Taylor, Pa. 2-35

GOOD 1912 Luger, 9 m/m, German holster, extra clip, \$20.00. Wylie, 2 Aberdeen Rd., Arlington, Mass. 2-35

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TELL MATCH PISTOL, very good, \$50.00. Zeiss 6x30 binocular, \$35.00. Vion 33 power, \$25.00. S&W 10", fair, \$15.00, another special, \$20.00. Mauser 7.63 shoulder stock, \$25.00. Mauser 32 holster and extra magazine, \$15.00. S&W Automatic, \$16.00. S&W 32 Long solid frame, new, \$18.00. Winchester 44-1873 Model, excellent, \$10.00. Gilkey Camp Trailer, \$135.00. W. L. Huff, Millikin Building, Decatur, Ill. 2-35

COLT Bisley .32-20, 4 1/4", blued, good, tight as new, accurate, \$18.00. Russell Elder, Griffin, Ga. 2-35

COLT Revolving Musket, good serviceable condition, \$37.50. 25 Colt Automatic, good, \$7.50. 25 Colt Automatic, excellent, \$10.00. 380 Colt Automatic, good, \$7.50. 8X40 Carl Zeiss Field glass, good, \$7.00. D. O. Amstutz, Ransom, Kans. 2-35

COLT Woodsman automatic, new 4 1/4" barrel, \$20.00. Genuine Mauser Oberndorf action for 30-06, 270 Winchester, etc., \$12.00. 45-70 Carbine, fine pistol grip cheekpiece stock, \$12.00. WANTED—For cash, 45 revolver. John Gschwind, 3939 N. Ridgeway, Chicago, Ill. 2-35

DANDY Krag, excellent condition, oil finish stock, gold bead front, Lyman 34 rear, sling, \$17.50. Zeiss Ikon camera, Tessar f.4.5 lens, compur shutter, 2 1/4 x 3 1/4, film pack adaptor, plate holders, etc., new in factory box, a real camera, \$22.50. Edw. Paxton, Adrian, Mo. 2-35

22 NEWTON H.P.; 22 Winchester S.S. Schuetzen; box new .25-21 cartridges; two spotting scopes. J. E. Gebby, 6518 Tyne, Cincinnati, Ohio. 2-35

COLT ARMY 38 Special, 6-in., blued, walnut grip, \$16.00. Krag, 22-in. Lyman 34 rear, \$15.00. Corona Portable typewriter, 9-in carriage, case, \$19.00. All very good. H&R Folding 410, 3-in. chamber, 22-in., new, \$8.50. A. C. Haugan, Route 3, Hanksa, Minn. 2-35

30 CALIBER gas checks, \$1.10 per 1000, postpaid. Kampen, 557 Pearl Ave., Rockford, Ill. 2-35

LATEST MODEL Colts Police Positive Target, with snap-off holster, excellent, \$22.50. Milton Pittman, Columbus, Nebr. 2-35

1933 SAVAGE, perfect, used 6-hole Parker-Hale eyepiece, sling, original box, \$25.00, f.o.b. Falls City, Nebr. Kenneth Gaither. 2-35

22 SHORT Remington automatic, \$10.00. Krag, very good, .3075 bore, \$12.00. Russian partly re-modeled, very good, \$10.00. 44 Lyman Tong tool, \$3.00. 44 Lyman mould, good, \$2.50. Goodall Pratt lathe, \$10.00. 38 sizing die for Lyman press, \$1.25. Chemical analysis balances, cost \$130.00, \$50.00, or trade for targetspot 10 power or Fecker 1 1/2". 30 cal. gas checks, \$1.50 M, postpaid. Money orders. C. M. Houser, 30 W. Dennick, Youngstown, Ohio. 2-35

WINCHESTER double Model 21, 12 or 20 ga., perfect, \$59.00. Remington Over-Under, excellent, \$50.00. Winchester M54 Carbine, 250-3000, perfect, \$39.50. Ithaca Single Barrel Trap, very good, \$45.00. Parker AHE Grade, 20 ga., excellent, \$25.00. J. Warshal & Sons, 1014 First, Seattle, Wash. 2-35

S&W M&P Target .38 Special, new, \$24.00. J. T. Duffy, 1814 G St., N. W., Washington, D. C. 2-35

SACRIFICE—Vion 33X scope; Colt 32 Police Positive; S&W Straightline; like new, S&W 38 Special Police, fine, with 100 cartridges; 45 S.A., fair, with 200 cartridges; \$15.00 each. Colt 38 Army, fair, \$8.00. 10X Spotting periscope, \$3.00; Colt Woodsman, fine, \$18.00. Chas. Polk, 1 Lakewood Place, Troy, N. Y. 2-35

COLT Shooting Master 38, absolutely perfect, best cash offer. Colt S. A. 44-40, 5 1/2", checked walnut grips, excellent condition, \$25.00. Beavertail stock for 32 Winchester, reshaped and checked, \$10.00. 38 and 44 dies with punches for Ideal sizer. Stone, 112 Magee Building, Pittsburgh, Pa. 2-35

ITHACA #4 Single Barrel Trap, very good, \$60.00. Ithaca #4, good, \$47.50. Sedgley Springfield Sporter 30-06, perfect, \$56.85. Hi-Standard 22 Auto, perfect, \$16.50. J. Warshal & Sons, 1014 First, Seattle, Wash. 2-35

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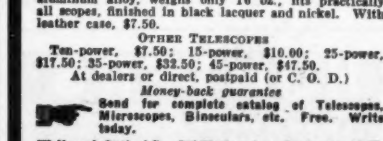
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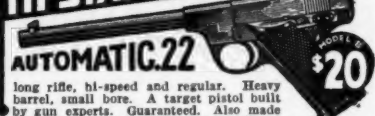
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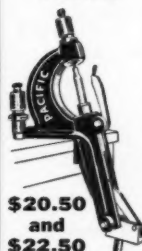
WINCHESTER 351 automatic rifle, good, \$20.00. Smith & Wesson 22/32, Cal sight, holster, excellent, \$22.50. Colt 32 pocket positive 3 1/2 inch, fair, \$6.00. Harold Barnhart, Box 73, Chillicothe, Ohio. 2-35

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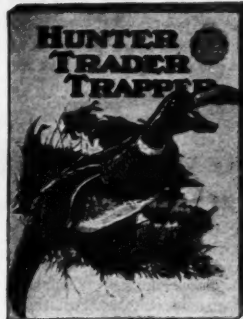
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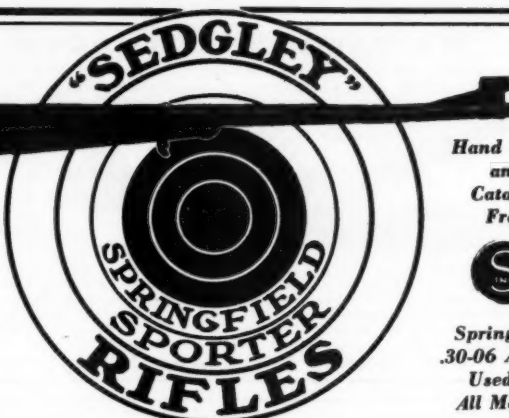
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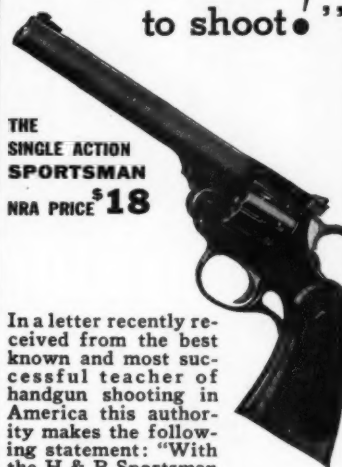
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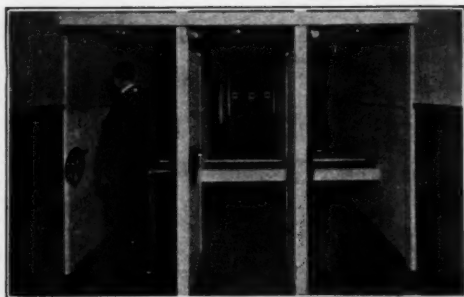


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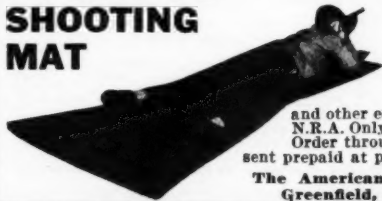
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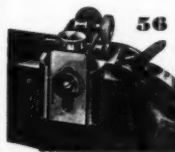
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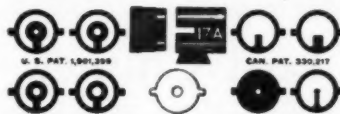
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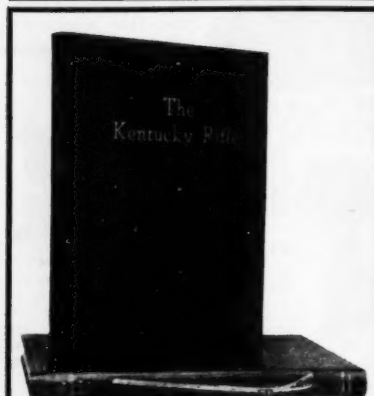
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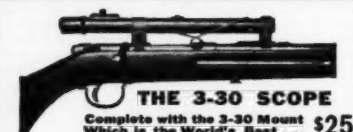
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